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CHEMICAL ABSTRACTS

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II. SUBJECT INDEX

KEY

In using this index the following should be borne in mind:

1. Subjects, not words, have been indexed.

2. Abstracts, not merely their titles, have been considered in indexing.

3. The small superior numeral which accompanies each reference number designates the fraction of the column in ninths in which the subject being indexed is first considered.

4 "P" before a column number indicates that the abstract is of a patent.

5. The alphabeting of index headings has been done on the basis first of that part which comes before the comma in such headings as *Copper, metallurgy of* and *Phenol, p-nitro-*. E. g., these headings come before the headings *Copper compounds* and *Phenol condensation products*, respectively.

6. Organic compounds are indexed on the basis of "parent compounds," or more accurately, "index compounds" (see Introduction), the names of substituent radicals following in alphabetical order. The system of naming organic compounds which has been used is outlined in the Introduction below Esters and salts of organic acids are, in general, indexed under the names of the acids; notes in the index under the appropriate headings explain the few exceptions.

7. An asterisk (*) following the name of an organic compound entered in the index signifies that the name, or numbering, or both are the author's own and may not conform to the system of nomenclature used in this index. This sign is used where it has seemed inadvisable, owing to incomplete information, to attempt to make the name conform to the system, or where the author's name, differing widely from the one given to the compound by the indexer, is given as an extra entry.

8. A dagger (†), which follows the names of a few compounds, signifies that the entry is an extra one, the name being only slightly less favored than the one chosen for the other entry. The preferred name can be determined by reference to the Formula Index

The desirability of making the index readily usable without the need of reference to an elaborate introduction has been held constantly in mind Although an introduction seems desirable and should be helpful, nevertheless the index is dependent neither on the Key nor on the Introduction. Numerous cross references are given throughout the index, and notes appear in connection with certain headings. An examination of the Introduction, which follows, should be especially helpful to those interested in looking up organic compounds

INTRODUCTION

General policy. The indexing of subjects, as opposed to word indexing, has been emphasized This avoids omissions, scattering and unnecessary entries, with the abundant cross references used it means that one should be able to find all of the references on any subject with certainty and with a minimum of effort The words used as subject headings or modifying phrases are not necessarily to be found in the abstracts but an expression of the idea suggested will be found within or beginning in the ninth of the column designated by the small superior numeral following the column number Chemical compounds have been named and entered systematically, the system used is outlined below All new compounds and all elements, compounds and other substances for which new data are given have been indexed, with the single exception of new compounds for which no names or structures have been given Such compounds are entered only in the Formula Index The Subject Index is in no other respect altered because of the Formula Index

Modifying phrases. In writing such phrases for the entries under any heading the words have been arranged so that the idea considered to be the most important is ex-

pressed at the beginning whenever feasible and this procedure, as well as the selection of the words for this purpose, has been governed by numerous formulated general principles and specific rules E g, "detection of" has been used consistently whenever correct at the beginning of the modifications in indexing subjects treated from a qualitative analytical point of view, instead of permitting a scattering under such additional phrases as "test for," 'reaction for," etc, regardless of what words may have been used in the text In the case of appropriate headings the selection of first words for modifications has been made on the basis of a definite system of classification In alphabeting modifying phrases prepositions at the beginning have been ignored

Inorganic compounds. Simple inorganic compounds have been entered under the usual names With the exception of a few common compounds, such as carbon dioxide and carbon monoxide, compounds of a given element with another or with a definite radical, which differ only in valence relations with regard to the cations, have been grouped E g, the various oxides of nitrogen are grouped under the heading "*Nitrogen oxides*" and classified there, bold face formulas being used as subheadings, and for compounds of iron, gold, copper and tin such headings as *Iron sulfates*, under which the 'ous" and "ic" salts are entered, have been used rather than headings beginning with 'ferric(ous)," "auric(ous)," "cupric(ous)" or "stannic-(ous)"

Acid salts and many basic salts have been grouped under the simple names for the neutral or normal salts, e g, *Calcium phosphates*, *Copper chlorides*, also with the use of bold face formulas as subheadings In certain cases, basic salts have been entered under names such as *Bismuth oxynitrate* and *Uranyl nitrate* Class names such as *Bicarbonates* have been used as headings

In many instances (guiding cross references have been entered) acids and salts have been grouped under such headings as *Silicic acids* or *Calcium aluminates* with the avoidance of headings with prefixes such as meso-, meta-, ortho-, para, pyro-, di, tri and poly-

For binary compounds and mixed halides the order of decreasing electropositivity for nonmetallic elements given in the report of the German Commission for Nomenclature[1] has been followed Sb, As, V, Si, C, P, Te, Se, S, I, Br, Cl, N, O, F, except that the headings *Fluorine oxides*, *Nitrogen chloride*, *Nitrogen iodide*, etc, have been used

Binary compounds of hydrogen have been indexed for the most part under the names most commonly used, e g, *Arsine*, *Borane* and *Boron hydrides*, *Hydrochloric acid* and *Hydrogen sulfide*

Complex inorganic compounds which cannot be given definite names satisfactory for index entries have usually been indexed under the heading which represents the class of compounds concerned and under a heading based on the name of the significant element Ammino compounds have been treated in this manner: in addition to the significant-element entry an entry has been made at *Ammino compounds* or in some cases at the heading for the specific organic base that may play the same role as NH_3 I, g, tetrammmecupric sulfate would be indexed under *Ammino compounds* and under *Copper compounds*, and $[Ag(C_{12}H_8N_2)_2]NO_3 H_2O$ under *1,10-Phenanthroline* and *Silver compounds* The headings *Acetato compounds* and *Oxalato compounds* have been used for entries for specific compounds, but similar special treatment has not been extended to other acid radicals grouped around the central coördinating elements For many compounds of intermediate complexity with names that might be considered suitable for index entries but that are not generally recognized, two or more entries have been made, as under such a general heading as *Chromium compounds* and under the specific acid or salt name used by the author or selected as suitable E g, entries would be made at both *Rhodium compounds* and *Potassium fluorhodite* for K_3RhF_6, and at *Copper compounds*, *Tartaric acid* and *Sodium cuprotartrate* for $NaCuC_4H_4O_6 2H_2O$ For complexes of the better-known types such as chloroplatinates, fluoberyllates and phosphomolybdates, entries have been made only at the names of the specific compounds For the relatively simpler coordinated compounds containing the halogens, the cyano group or any of a few other groups, names have been favored with endings derived from the central coordinating element except for such well-established names as cobaltic and cobalto-cyanide, cobaltic- and cobaltonitrite and ferri- and ferro-cyanide E g, chloroplatinate, chloroplatinite, cyanoargentate and nitronickelate(II) have been preferred to platinichloride, platinochloride, argentocyanide and nickelonitrite, respectively (a Roman numeral has been used with an invariable -ic or -ate ending to denote the valency of the central coördinating element in a few cases in which no corresponding well-established oxygen acids are known) In still other instances compounds have been named as double salts where such names seemed more suitable, with double entries for those with two cations (e g, at *Ammonium magnesium phosphate* and *Magnesium ammonium phosphate*) and with single entries for those with two anions, the anions being given in alphabetical order (e. g, *Calcium aluminate sulfate*)

In general, the chief determining factors in the selection of names have been conformity with usage and with indexing policy Cross references have been entered and formulas introduced wherever they might prove helpful The Formula Index, which follows the Subject Index, should be particularly helpful in locating complex compounds

Deuterium compounds. These have been named for indexing by the modified Boughton system favored by the Nomenclature, Spelling and Pronunciation Committee of the American Chemical Society[1] According to this system the substitution of deuterium for hydrogen in a compound is designated by the use of *d* following the common name for the hydrogen compound as shown by the following examples

NH_3D	ammonia-*d*
NH_2D_2	ammonia-d_2
ND_3	ammonia-d_3
$CH_3CO\text{-}D$	acetic acid-*d*
CD_3CO_2D	acetic-d_4 acid-*d*
CH_3D	methane-*d*
CD_3Br	methane *d*-, dibromo

[1] Meyer *Helv Chim Acta* **20**, 159–73 (1937)

[1] Crane *Science* **80** 89–91 (1934)

This method serves to keep the deuterium compounds close to the corresponding hydrogen compounds in the index. It also avoids the longer and sometimes confusing names arrived at by the use of "deuterio-" in the manner commonly employed in organic chemistry to designate substituents The modified Boughton names depart least from established nomenclature, are suitable for both inorganic and organic compounds, contributed to ease of thinking, are convenient for other use as well as indexing and fit the conception that compounds containing deuterium are after all compounds of a form of hydrogen It has been found that the "deuterio-" system results in many strange names which have to be deciphered only to find the compounds old friends in disguise With D used as the symbol for deuterium, cross references from the Formula Index to the Subject Index have been used or complete entries have been made.

Organic compounds. Except for the modifications listed in the Note below, the system used for naming and indexing organic compounds is the same as that in use starting with the 1916 volume. An explanation of it by Austin M. Patterson and Carlton E. Curran, who are its originators, has appeared in another journal of the Society [1] The system is based on existing usage and follows this as far as is practicable, so that a great many familiar names are unaffected Only the general principles will be given here, but in the index itself will be found abundant cross references and also notes under *Alcohols, Ketones,* etc , indicating how compounds of these classes are named [2]

1 The "chief function" of a compound is expressed *in the main part of the name* wherever possible, and not as a substituent, thus: Pyrrolecarboxylic acid, not carboxypyrrole, ethyl alcohol or ethanol, not hydroxyethane; pentanone, not oxopentane.

2 In compounds of mixed function, the chief function is determined from the following order of precedence[3]: *"onium" compounds, acid* (carboxylic first), *acid halide, amide, imide, aldehyde, nitrile, ketone, alcohol, phenol, thiol, amine, imine, ether, sulfide* (and *sulfoxide* and *sulfone*) Thus, hydroxybenzonitrile, not cyanophenol, aminophenol, not hydroxyaniline

3 A multiple chief function is expressed where feasible as -diol, -dicarboxylic acid, etc , rather than as hydroxy—ol, carboxy—acid, etc. But amino and imino groups attached to cyclic bases are treated as substituents, as, aminopyridine

4 The index compound should be as large, and the substituents as small, as is practicable in conformity with the above rules; as, ethylbenzene, not phenylethane But such names as diphenylethane and triphenylmethanol are exceptions When the chief function is in a side chain attached to a complex nucleus, "additive" names are preferred in order to harmonize 1 and 4, thus, naphthaleneacetic acid, not naphthylacetic acid (with the result that the compound is indexed with other naphthalene derivatives instead of under acetic acid; see 5).

5 The main part of the name with its functional ending, if any, is placed *first* in the index, the names of substituents following, thus, chloroacetic acid would appear in the index as *Acetic acid, chloro-* and dihydroxyanthraquinone as *Anthraquinone, dihydroxy-*. The part thus placed first is called the "index compound"; it may or may not be the "parent compound" (in the second example the parent compound is anthracene)

6 Names in which two functions are expressed in the index compound, as propanolone, cyclopentanonecarboxylic acid, are avoided, except that a few very common ones such as phenolsulfonic acid, are used (indicated by cross references)

7 The names of the substituent radicals in the name of a compound are arranged *in alphabetical order*, as, benzylethylmethylphenylammonium chloride The number of radicals of each kind does not affect the order (e g , *benzyl* precedes *ethyl* no matter how many of each are present), but the compound name of a substituted radical is treated as a unit with its own alphabetic position, thus *dimethyl amino* , Me_2N, follows *benzyl* but precedes *ethyl* When the complete name has been formed, it is alphabeted as any *other word*

8 Parentheses, brackets and even braces are used where necessary to mark off complex radical names.

9 Arabic numerals are given preference for numbering, although Greek letters are used in accordance with common practice with "trivial" names of aliphatic acids, aldehydes, etc , and for some side chains The numbering of each parent ring system is shown by ring formulas in the index under its name This numbering conforms to the "Proposed International Rules for Numbering Organic Ring Systems"[1] with the following exceptions acridine, anthracene, carbazole (isocarbazole), cyclopenta[*a*]phenanthrene, phenanthrene, purine (β purine), xanthene (isoxanthene)

10. When two or more numberings are equally indicated, that one is chosen which gives the smallest number or numbers for the *chief function, then for double bonds* if these must be regarded, *then for triple bonds, then for point of attachment* (doubled molecules), *then for substituents*

11 Numbers and letters enclosed in brackets within the name of a parent ring system are used for distinguishing isomers [2]

12 Numbers in parentheses are used to indicate the position of entering hydrogen necessary to the existence of the compound, thus, 4(3)-quinolone is equivalent to 3,4 dihydro-4-oxoquinoline

13 Doubled molecules or radicals are indicated by names commencing with *bi-* (as, *o,o'*-biphenol, biphenyl, $\Delta^{1,1'}$-bipiperidine) *Bis-, tris-, tetrakis-, etc ,* are used before complex expressions, as, bis(dimethylamino)-

In using the *cross references*, the *general* nature of them should be kept in mind, thus, the references *"Benzene, ethoxy* See *Phenetole"* is applicable not only to this compound itself but to derivatives, which are indexed under it rather than under *Benzene*

[1] Patterson and Curran *J Am Chem Soc* **39** 1621-38(1917)

[2] For the principles used in naming certain parent ring systems and especially in distinguishing isomeric forms by the use of bracketed numbers and letters in the middle of the name, see Patterson, *J. Am Chem Soc* **50** 3074-87(1928)

[3] This order is an attempt to express not the relative chemical importance of functions but general usage in selecting one of them for the ending of the name For a study of the literature on this question, see Patterson *Rec trav chim* **48** 1012-17(1929)

[1] Patterson, *J Am Chem Soc* **47**, 543-61(1925)

[2] Patterson, *J Am Chem Soc* **50** 3083(1928)

NOTE. Since Volume 31 marked the beginning of a new collective-index period a number of modifications of previous practice which had been waiting for adoption were introduced in the index They were made in order that the system may be rendered more consistent and especially that it may conform as nearly as possible to the rules of the Definitive Report of the International Committee on Organic Nomenclature [1] These changes have of course applied in the Volume 33 index also

The changes are indicated in the index itself by cross references, explanations under headings, and new numberings under the names of parent ring systems (see 9, above) The principal changes are.

a Greek letters are used more sparingly, Arabic numerals taking their place where confusion would not result.

b Delta (Δ), denoting a double bond, is omitted where possible

c Bis is used only before complex expressions or when the use of di- would be confusing (e g , Acetic acid, thiobis- becomes Acetic acid, thiodi-)

d The ending *-yne* replaces *-ine* for acetylene hydrocarbons (and *-ynyl* for *-inyl*)

e Carbinol is replaced by *methanol*

f Mercaptans are called *thiols* and Ethyl mercaptan (e. g) becomes Ethanethiol

g β-Butenic acid becomes *3 Buteroic acid*, and so for similar unsaturated acids (likewise, *β Butenaldehyde* becomes *3 Butenal* and *β Butenaldehyde thio-* becomes *3 Butenethiol*)

h Corresponding to the ending "-carboxylic acid," for an *acid halide*, -carbonyl halide is used; for an *aldehyde*, -carboxaldehyde; for a *nitrile*, -carbonitrile

i. Piperidines and *ureides* are in general named as acylpiperidines and acylureas, resp , (e g , Piperidine, 1-acetyl-)

j. Ethyl isocyanide replaces *Ethane, isocyano-* (and so for other simple isocyanides)

k Organometallic compounds are named according to Rule 48 of the Definitive Report (e. g , Lead, tetraethyl-)

l. Phosphorus, arsenic, antimony, and bismuth compounds are named according to revised Rule 34 (*Ind Eng Chem , News Ed* 14, 486(1936))

m. A number of *parent ring systems* are renumbered (see 9, above)

n. The use of *aza, oxa*, etc , before consonants in the names of heterocyclic ring systems causes some changes in spelling (e g , oxadiazine instead of oxdiazine)

o. Spiro systems conform to the Rules for Numbering Hydrocarbons containing two or three spiro atoms are indexed under Dispiro- or Trispiro- (not under Spiro-). The names of simple heterocyclic spiro systems begin with Aza , Oxa-, Dioxa- or the like. Such systems are now included in the Ring Index.

p The systematic use of *brackets* within the names of ring systems is extended

q Changes have been made in the names of *radicals* (see following paragraph) Included in these changes are the replacement of *-al* by *-ylidene* and, for certain acid radicals, of *-yl* by *-oyl* *Oxo* replaces *keto*

ORGANIC RADICALS

Under this heading in the Introduction to the Volume 31 subject index there were listed (1) alphabetically by names and (2) systematically by formulas practically all organic radicals recognized in the system of indexing used by *Chemical Abstracts* This list, as contrasted with earlier ones, was of course affected by the changes mentioned in the preceding paragraphs. This long list cannot be reproduced annually but reprints (obtainable from the editor at 20¢ per copy) are available to those who would find their use more convenient than reference to Volume 31 Changes made since 1937 require alterations in the Volume 31 list as follows

cumal	=	*p*-cumunylidene
cuminal	=	*p*-cumunylidene
cuminyl	=	*p*-$(CH_3)_2CHC_6H_4CH_3$—
cumyl	=	$(CH_3)_2CHC_6H_4$—
cuminylidene	=	*p*-$(CH_3)_2CHC_6H_4CH$=
morpholinyl (from morpholine)	=	C_4H_8NO—

RING INDEX

The following index of *ring complexes* is arranged as shown by the bold face figures· 1-Ring Systems, with single figures indicating simple rings of 3, 5, etc., members, 2 Ring Systems, two figures denoting double rings of 3 and 4, 3 and 5, etc., members, then the triple and still more complex forms. Under each combination of figures the kind and number of atoms in the ring or rings are expressed in formulas These formulas are arranged so that their initial rings are in the same order as in the Formula Index (see Key at the beginning of it). If the initial rings are alike the second rings of the formula are considered, and so on. By this means the reader will be able to learn the name used in the index for the simplest parent compound containing any particular ring or combination of rings and by turning to this name in the index he will find the compound listed and, perhaps, cross references to names of derivatives. Rings which are united but which have no atoms in common (e g , biphenyl) are not regarded as ring complexes nor included in this index "Spiro" compounds, which are characterized by two rings having one atom in common are included

To illustrate· 6,6,6 C_4NC_6-C_6 Acridan
Acridine
Benzisoquinoline
Benzoquinoline
Phenanthridine

(1) This designates a complex ring of three components, each of six members, (2) the first is heterocyclic, containing five carbon atoms and one nitrogen atom and the other two are carbocyclic rings of six atoms each; (3) parent compounds of this configuration will be found in the in

[1] *J. Am Chem Soc* 55, 3905–20 (1933)

dex under the five names given. If derivatives are indexed a structural formula will be found with the proper numbering and also appropriate cross references to derivatives having other common names, if any such are in the index.

It should be noted that the classification is made with reference to the smallest rings which, placed together, will constitute the plane formula. Thus norcamphane is treated as a 5,5 complex although a third ring of six members (composed of atoms from the two five membered rings) is also present

1-RING SYSTEMS

3 C_2N_2 Hydrazinomethylene
C_2N Aziridine
Ethylenimine
C_2O Ethylene oxide
Oxirane
C_2S Thiirane
C_3 Cyclopropane
4 C_2N_2 Diazetine
C_2N Azete
Azetidine
C_3O Oxetane
C_3S Thietane
C_4 *Cyclobutadiene*
Cyclobutane
Cyclobutene
5 C_2NO Furazan
Oxadiazole
Oxadiazoline
C_2NS Thiadiazole
Thiadiazoline
C_2NSe Selenadiazole
Selenadiazoline
C_2N_3 Triazole
Triazoline
C_2OSSb Antimonothioglycolic acid*
C_3NO Isoxazole
Isoxazoline
Oxazole
Oxazolidine
C_3NS Thiazole
Thiazolidine
Thiazoline
C_3N_2 Imidazole
Imidazoline
Pyrazole
Pyrazoline
C_3OS Oxathiole
C_3O_2 Dioxolane
Dioxole
C_3S_2 Dithiolane
Dithiole
C_3As *Arsenolidine*
C_4N Pyrrole
Pyrrolenine
Pyrrolidine
Pyrroline
C_4O Furan
C_4S Thiophene
C_4Se Selenophene
C_5 Cyclopentadiene
Cyclopentane
Cyclopentene
6 B_3N_3 *Triborinetriamine*
C_2N_4 Tetrazine
C_2N_3S Thiadiazine
C_3N_3 Triazine
C_3OS Dioxathiane
C_3O_3 Trioxymethylene
C_3S_3 Trithiane
C_4NO Morpholine
Oxazine
C_4N_2 Piperazine
Pyrazine
Pyridazine
Pyrimidine
C_4O_2 Dioxane
Dioxin
C_4S_2 Dithiane
C_5N Piperidine
Pyridine
C_5O Pyran
Pyrylium
C_5S Thiapyran
C_6 Benzene
Cyclohexadiene
Cyclohexane
Cyclohexene
7 $C_4N_2S_2$ Carbamic acid (3-diethylaminopropyl)dithio-, betaine
C_6O_2 Dioxepane
C_7 Cycloheptadiene
Cycloheptane
Cycloheptatriene
Cycloheptene
8 C_4N_2 Diazocine
C_8 Cyclooctane
Cyclooctatetraene
Cyclooctene
Cyclooctyne
N_2S_6 *Cyclotetrathioimine**
9 C_2N_2 Diazonoane
C_8N Azonine
C_9 Cyclononane
10 C_2N_2 Diazecane
C_9N Azecine
C_{10} Cyclodecane
11 C_2N_2 *Diazacyclohendecane*
12 C_4N_2 Hexazacyclododecatriene
C_8N_2 Diazacyclododecane
$C_{11}O$ Hendecanoic acid, 11 hydroxy-, lactone
13 $C_{11}N_2$ Diazacyclotridecane
14 $C_{10}N_2S$ Carbamic acid, (10-diethylaminodecyl)methyldithio-, betaine
$C_{12}N_2$ *Diazacyclotetradecane*
15 $C_{15}S$ Thiacyclopentadecane
16 $C_{15}O$ Oxacyclohexadecane
Pentadecanoic acid, 15-hydroxy- lactone
17 $C_{16}O$ Ambrettolic acid, lactone
Oxacycloheptadec-8-ene
$C_{16}S$ Thiacycloheptadecane
18 $C_{17}N$ *Azacyclooctadecane*
19 $C_{18}S$ Thiacyclononadecane

2-RING SYSTEMS

3,5 C_4O-C_5 Cyclopentane, 1,2-epoxy-
1-Oxaspiro[2.4]heptane
C_7-C_5 Bicyclo[3.1.0]hexane
3,6 C_5O-C_5 Cyclohexane, 1,2-epoxy-
1-Oxaspiro[2.5]octane
4,4 C_2N C_2N 2,6-Diazaspiro[3.3]heptane
C_7-C_4 Spiro[3.3]heptane
4,5 C_2NS-C_2N_2 *4,1,2-Thiadiazole, 2,3-dihydro-3 tolylamino-3,5-endo-o-tolylimino-**
C_4 C_2N 1,2 Cyclobutanedicarboximide
C_6-C_4O 1,2-Cyclobutanedicarboxylic anhydride
C_7 C_4 Bicyclo[3.2.0]heptane
Bicyclo[3.2.0]heptene
4,6 $C_{15}HgO$-C_6 Thymol, 6-chloro-2 (hydroxymercuri) , 2,3-cyclic anhydride
Thymol, 2-(hydroxymercuri)-6 nitroso-, 2,3-cyclic anhydride
C_2N C_6 Benzazete
C_2O-C_5 7-Oxabicyclo[4.2.0]octane
C_2S-C_5 2-Thiaspiro[3.5]nonane
C_4-C_4 Bicyclo[4.2.0]octane
Bicyclo[3.2.0]octene
Norpinane
5,5 C_4N_2-C_3N_2 Pyrazolopyrazole
Thiond*
C_3N_2-C_2N Pyrrolopyrazole
C_3N_2-C_5 Cyclopentapyrazole
C_3O_2-C_5 Cyclopentadioxole
1,3 Dioxaspiro[4.4]nonane
1,4-Dioxaspiro[4.4]nonane
C_3N C_2N 1-Azabicyclo[2.2.1]heptane
Pyrrolopyrrole
C_3O-C_4O *Furofuran*
7-Oxabicyclo[2.2.1]heptane
C_3O_2-C_5 Cyclopentafuran
C_3S_2-C_3S *Bicyclo*[2.2.1]thianium 1 heptane compounds*
C_7 C_5 Bicyclo[2.2.1]heptene
Norcamphane
5,6 C_3NS_2-C_3 Isobenzodithiazole
C_3N_2O-C_3 Benzofurazan
Benzoxadiazole
C_3N_2Se C_3 Benzoselenadiazole
C_3N_3 C_2N Pyridotriazole
C_3N_2-C_3 Benzotriazole
C_3NO-C_3 Anthranil
Benzisoxazole
Benzoxazole
Benzoxazoline
C_3NS-C_3 Benzisothiazole
Benzothiazole
Benzothiazoline
C_3NSe C_3 Benzoselenazole
Benzoselenazoline
C_3N_2-C_3N_2 Imidazopyrimidine
Purine
C_3N_2-C_5N Imidazopyridine
C_3N_2-C_6 Benzimidazole
1,3-Diazaspiro[4.5]decane
Indazole
Isoindazole
C_3OS-C_3 Benzoxathiole
C_3O-C_3 *Benzodioxole*
1,3-Dioxaspiro[4.5]decane
1,4-Dioxaspiro[4.5]decane
C_3S_2-C_3 *2,3* Dithiaspiro[4.5]decane
C_4As-C_4 *Arsindole*
C_4N-C_4N_2 Pyrrolopyridazine
Pyrrolopyrimidine
C_4N C_2N 1 Azabicyclo[3.2.1]octane
Nortropidine
Pyrrocoline
C_4N C_6 2 Azaspiro[4.5]decane
Indole
Indoline
Isoindole
Pseudoindole

Spiro[cyclohexane-1,3'-pyrrolidine]
$C_6O\text{-}C_7O_2$ Furodioxin
$C_6O\text{-}C_6N$ Furopyridine
$C_6O\text{-}C_6$ Benzofuran
Isobenzofuran
2 Oxaspiro[4 5]decane
$C_6S\text{-}C_7O_2$ Thienodioxin
$C_6S\text{-}C_6$ Isothianaphthene
Thianaphthene
$C_6\ C_6N_2$ Cyclopentapyrazine
Cyclopentapyridazine
$C_6\text{-}C_7O$ 3 Oxabicyclo[3 2 1]octane
$C_6\ C_6$ Bicyclo[3 2 1]octane
Indan
Indene
Isoindene
Spiro[4 5]decane
5,7 $C_6N_4\ C_6N_4$ Azepotetrazole
$C_6N\ C_6N_2$ Pyrroloazepine
$C_6O\text{-}C_6O_2$ Furodioxepin
6 6 $C_6N\text{-}C_6$ Benzothiadiazine
$C_6N\text{-}C_6$ Benzoxazine
$C_6N\ O\text{-}C_6$ Benzoxazine
$C_6N\text{-}C_6$ Benzothiazine
$C_6N\text{-}C_6N$ Pyridopyrazine
Pyridopyrimidine
$C_6N\text{-}C_6$ Phthalazine
Quinazoline
Quinoxaline
$C_6O\text{-}C_6$ Benzoxathian
$C_6O\text{-}C_6O_2$ 2 4 8 10-Tetroxaspiro[5 5]hendecane
$C_6O\text{-}C_6S$ 2 4 Dioxa-8 10-dithiaspiro[5 5]hendecane
$C_6O\text{-}C_6$ 1 Ascindole
1 Benzoxinan
$C_6S\text{-}C_6$ 1 5-Dithiaspiro[5 5]hendecane
2 4 Dithiaspiro[5 5]hendecane
$C_6N\text{-}C_6N$ 1 Isopyranazulene
Naphthyridine
Quinolizine
Quinolizidine
$C_6N\text{-}C_6$ 2-Azabicyclo[2 2 2] 7-octene
Isoquinoline
Quinoline
$C_6O\text{-}C_6$ Benzopyran
Benzopyrylium
2 Oxabicyclo[2 2 2]octane
$C_6S\text{-}C_6S$ Bicyclo[2 2 2]thianium-1-octane compounds[a]
$C_6S\text{-}C_6$ Benzothiapyran
$C_6\text{-}C_6$ Bicyclo[3 2 2]octadiene
Bicyclo[2 2 2]octene
Naphthalene
6,7 $C_6\text{-}C_7N_2$ Benzodiazepine
$C_6\text{-}C_7O_2$ Benzodioxepin
$C_6\text{-}C_7$ Bicyclo[3 2 2]nonane
$C_6\ C_7N_2$ Benzotriazocine
6,10 $C_6\text{-}C_8O_2$ Benzodioxecin
6,11 $C_6\text{-}C_9O_2$ Resorcinol, hexamethylene ether*
6,15 $C_6\text{-}C_{13}O_2$ Resorcinol, decamethylene ether*
6,16 $C_6\text{-}C_{14}O_2$ Hydroquinone, decamethylene ether*

3-RING SYSTEMS

3,3,6 $C_3O\text{-}C_3O\text{-}C_6$ 1,7 Dioxadispiro[2.2.2.2]decane
$C_3O\text{-}C_3\text{-}C_6$ 4A-Cetene oxide*
3,4,6 $C_3O\text{-}C_4\text{-}C_6$ Spiro[norpinane-2,2'-oxirane]
3,5,6 $C_3O\text{-}C_5\text{-}C_6$ Norcamphane, 2,3-epoxy-1,2,3 trimethyl-
Spiro[norcamphane-2,2'-oxirane]
$C_3\text{-}C_5\text{-}C_6$ Tricyclo[2 2 1 $0^{2,6}$]heptane
3,5,6 $C_3O\text{-}C_5\text{-}C_6$ 1 Indanol 2,3-epoxy 2,3,3 triphenyl-
3,6,6 $C_3O\text{-}C_3O\text{-}C_6$ 4 Oxabicyclo[3 2 2]nonane-6-carboxylic acid 6-amino-1,3,3 trimethyl-, lactam
$C_3\text{-}C_3N\text{-}C_6$ Cyclopropaquinoline
4,4,5 $C_4\text{-}C_4\ C_5$ Tricyclo[3 2 0 $0^{2,7}$]nonane
4,5,6 $C_4N\text{-}C_5N\ C_6N$ 1,5(5)-Methanoquinolizine
4,5,6 $C_4N\text{-}C_5\text{-}C_6$ Methanobenzomethadiazole
$C_4N\text{-}C_5\text{-}C_6$ *β*-Camphorsulfonamide Δ 2 inner anhydride
1 Norcamphanemethanesulfonic acid, 2 amino-7 7-dimethyl-, sultam
$C_4OS\text{-}C_5\text{-}C_6$ 2-Norcamphanemethanesulfonic acid, 3 hydroxy-, sultone
$C_4O\text{-}C_5O\text{-}C_6O$ 4-Cyclohexene 1,2-dicarboxylic anhydride, 3 6-*endo*-epoxy
4,7-Epoxyisobenzofuran
$C_4O\text{-}C_5\text{-}C_6$ Bicyclo[2 2 1]-5-heptene-2,3-dicarboxylic anhydride
$C_4S\text{-}C_5\text{-}C_6$ Methanathianaphthene
$C_4\text{-}C_5\text{-}C_6$ 4 5-Methanoindene
5,5,6 $C_4N\text{-}C_4N\text{-}C_6N$ Tetrazolotriazolopyridine
$C_4N\text{-}C_5\text{-}C_6N$ 5 8-Methano-5-azepotetrazole
$C_4N\text{-}C_4N\text{-}C_6N$ Imidazotriazolopyridine
$C_4N\text{-}C_4O\text{-}C_6$ Benzoxazolotriazole
$C_4N\text{-}C_4N\text{-}C_6N$ Dipyrazolopyridine
$C_4N\text{-}C_4N\text{-}C_6$ Benzodipyrazole
Pyrazolobenzimidazole
$C_4O\text{-}C_5\text{-}C_6$ Indenodioxole
$C_4N\ C_4N\text{-}C_6$ Benzodipyrrole
Pyrroloindole
$C_4N\ C_4O\text{-}C_6$ 2 Indolecarboxylic acid, 3 (hydroxymethyl) lactone
$C_4N\ C_5\text{-}C_6$ Cyclopentindole
Spiro[cyclopentane-1,2'-indolin]-3'-one
$C_4O\text{-}C_4O\text{-}C_6$ 4 4 1 pentaphthene
$C_4\text{-}C_4\ C_6S$ Spiro[camphane-2,2 $-\alpha$-dithane] 5,5'-dimethanol
$C_4\text{-}C_4\ C_6N$ Dicyclopentapyridine
$C_4\text{-}C_5\text{-}C_6$ 1 4 Methanonaphthalene

8,8,6 $C_8N_2O\text{-}C_8\text{-}C_6$ Naphthofurazan
Naphthoxadiazole
$C_8N\text{-}C_8\text{-}C_6$ Naphthotriazole
$C_8N_2O\text{-}C_8\text{-}C_6$ Naphthoxazole
$C_8N_2S\text{-}C_8N\text{-}C_6N$ Thiachromine
$C_8N_2S\text{-}C_8\text{-}C_6$ Naphthothiazole
$C_8N\text{-}C_8N\text{-}C_6$ Imidazoisoquinoline
Imidazoquinoline
Pyridobenzimidazole
$C_8N_2\text{-}C_8\text{-}C_6$ Ethanoneondiazole
Naphthimidazole
Naphthopyrazole
$C_8OS\text{-}C_8\text{-}C_6$ Naphthaxaselenole
$C_8O\text{-}C_8N\text{-}C_6$ Dioxoloisoquinoline
Dioxoloquinoline
$C_8O_2\ C_8O\text{-}C_6$ Dioxolobenzopyran
$C_8O\text{-}C_8\text{-}C_6$ 7 14-Dioxadispiro[5 1 5 2]pentadecane
Naphthodioxole
$C_8N\text{-}C_8N\text{-}C_6$ Pyridazondole
$C_8N\text{-}C_8N\ C_6$ Benzopyrrocoline
Benzopyrrocolinium
Pyridindole
Pyrroloquinoline
$C_8N\ C_8\text{-}C_6$ Benzindole
Benzisoindole
Carbazole
Isocarbazole
4a Sa Naphthalenedicarboximide
Spiro[cyclohexane-1,3' pseudoindole]
$C_8O\text{-}C_8N\text{-}C_6$ 2 Azabicyclo[2 2 2] 7-octene 4 5 6,7-tetracarboxylic acid 1,2,3 trimethyl-8-phenyl-, 5,6-anhydride
$C_8O\text{-}C_8O\text{-}C_6$ Furobenzopyran
$C_8O\text{-}C_8\text{-}C_6$ Bicyclo[2 2 2] 7-octene-2 3-dicarboxylic anhydride
Dibenzofuran
4a Sa Naphthalenedicarboxylic anhydride
Naphthofuran
1 Naphthoic acid, 8-hydroxy-5-nitro-, γ lactone
$C_8S\text{-}C_8S\text{-}C_6$ Benzothienothiapyran
$C_8S\text{-}C_8\text{-}C_6$ Dibenzothiophene
Naphthothiophene
$C_8Se\text{-}C_8\text{-}C_6$ Dibenzoselenophene
$C_8Te\text{-}C_8\text{-}C_6$ Dibenzotellurophene
$C_8\text{-}C_8N\text{-}C_6N$ Cyclopentadipyridine
$C_8\text{-}C_8N\text{-}C_6$ Cyclopentaquinoxaline
$C_8\ C_8\text{-}C_6$ 6 15-Dithiadispiro[4 2 5 2]pentadecane
$C_8\ C_8N\ C_6$ Cyclopentaquinolone
Indenopyridine
$C_8\ C_8\text{-}C_6$ Acenaphthene
Acenaphthylene
Benzindene
Fluorene
Spiro[cyclohexane-1,1'-indan]
6 6,6 $C_8N_2O\text{-}C_8O\text{-}C_6$ Benzopyranoxadiazine
$C_8AsN\ C_8\text{-}C_6$ Phenarsazine
$C_8AsO\text{-}C_8\text{-}C_6$ Phenoxarsine
$C_8N\text{-}O\text{-}C_8\text{-}C_6$ Naphthoxazine
$C_8N_2\text{-}C_8\text{-}C_6$ Phenothiazine
$C_8N\text{-}C_8N\text{-}C_6N$ Pyridopyrimidopyrazine
$C_8N\text{-}C_8N\text{-}C_6$ Pyridazocinoline
Pyridazonaphthalene
$C_8N_2\text{-}C_8N\ C_6$ Benzoquinoxalone
Pyridoquinoxalone
Pyridoquinoxalinone
$C_8N\text{-}C_8\text{-}C_6$ Benzophthalazine
Benzoquinazoline
Benzoquinoxaline
Phenanine
$C_8O_2\text{-}C_8\text{-}C_6$ Phenoxathin
$C_8O\text{-}C_8S\text{-}C_6$ 2 4 Dioxa-8 15-dithiadispiro[3.2 5.2]hexadecane
$C_8O_2\ C_8N\ C_6$ Dioxinoisoquinoline
$C_8O_2\text{-}C_8\text{-}C_6$ Dibenzo-*p*-dioxin
$C_8S\text{-}C_8\text{-}C_6$ 7 16-Dithiadispiro[3.2 5.2]hexadecane
Thianthrene
$C_8Se\text{-}C_8\text{-}C_6$ Selenanthrene
$C_8N\ C_8N\ C_6$ Benzoquinolizine
Benzoquinolizinium
Phenanthroline
Pyridoquinoline
$C_8N\ C_8\text{-}C_6$ Acridan
Acridine
Benzoisoquinoline
Benzoquinoline
Phenanthridine
$C_8O\text{-}C_8O\text{-}C_6$ Benzodipyran
Compd., from *d* glucose and phenol 5396[a]
$C_8O\text{-}C_8\text{-}C_6$ Dibenzopyran
Isoxanthene
Naphthopyran
Xanthene
$C_8S\text{-}C_8\text{-}C_6$ Thioxanthene
$C_8\text{-}C_8\text{-}C_6$ Anthracene
Benzonaphthene
1 4 Ethanonaphthalene
Phenanthrene
6,6,7 $C_8\text{-}C_8\text{-}C_8O$ Dibenoxepin
$C_8\text{-}C_8\text{-}C_7$ Cycloheptanothiaphene
Dibenzocycloheptadiene
6,6,8 $C_8\text{-}C_8\text{-}C_8N_2$ Diphenic acid cyclic hydrazide
6,6,12 $C_8\text{-}C_8\text{-}C_4O_2$ 1,6-Naphthalenediol, decamethylene ether*
6 6,19 $C_8\text{-}C_8\text{-}C_{11}OS$ Phenol, 2' sulfocyclic octamethylene ether, 9302[a]
Phenol *p p'*-thiodi cyclic octamethylene ether, 9301[a]

6,6,6,21 $C_{6}C_{6}C_{6}O_{2}S$ Phenol, p,p'-sulfonyldi-, cyclic decamethylene ether, 9302†
Phenol, p,p' thiodi , cyclic decamethylene ether, 9301*, 9302†

4-RING SYSTEMS

4,5,6,6 $C_{9}C_{9}C_{9}C_{9}$ Cyclobutacenaphthylene
5,5,5,5 $C_{8}N_{2}C_{6}C_{6}C_{6}C_{6}$ Methanothianaphthenotriazole
$C_{8}H_{10}CN_{2}C_{6}C_{6}N_{2}C_{6}N_{2}$ Ureidazole acid
$C_{9}C_{9}C_{9}C_{9}$ 1,4,5,8-Dimethanonaphthalene
5,5,5,6 $C_{10}C_{6}O_{3}C_{6}O_{3}C_{6}$ 1,4 - Epoxynaphthalene - 2,3 - dicarboxylic anhydride
$C_{10}C_{9}C_{9}C_{9}C_{6}$ 1,4 - Methanonaphthalene - 4a 8a - dicarboxylic anhydride
5,6,6,6 $C_{8}N_{3}C_{8}N_{3}C_{9}C_{6}$ Ethanobenzodipyrazole
$C_{8}N_{2}C_{10}C_{9}C_{6}$ Benzofurobenzimidazole
$C_{8}N_{2}C_{9}C_{9}C_{6}$ Indenoindazole
$C_{8}N_{2}C_{8}N_{2}C_{6}$ Diazolopyrimolosoquinoline
$C_{8}N_{2}C_{10}C_{9}C_{6}$ Benzofuronindole
$C_{9}C_{9}C_{9}C_{9}$ Benzindacene
Cyclopentacenaphthylene
1,4-Methanoanthracene
Sprotobandan
5,5,7,7 $C_{8}N_{2}C_{8}N_{2}C_{9}C_{9}$ Propanobenzodipyrazole
5,6,6,6 $C_{8}N_{2}C_{8}N_{2}C_{9}C_{6}$ Benzotriazoloquinoline
$C_{8}N_{2}O_{2}C_{9}C_{6}$ Anthroxazole
$C_{8}N_{2}C_{9}C_{9}C_{6}$ Anthrotriazole
$C_{8}N_{2}C_{9}C_{9}C_{6}$ Anthraselenazole
$C_{8}N_{2}C_{8}N_{2}C_{9}C_{6}$ Benzimidazolosoquinoline
Benzimidazolopyridine
Benzopyridobenzimidazole
$C_{8}N_{2}C_{9}C_{9}C_{6}$ Anthrapyrazole
$C_{8}O_{2}C_{8}N_{2}C_{8}N_{2}C_{6}$ Benzodioxoloquinolizine
Benzodioxoloquinolizinium
$C_{8}O_{2}C_{8}N_{2}C_{9}C_{6}$ Dioxolophenanthridine
$C_{8}O_{2}C_{9}C_{9}C_{6}$ Phenanthrodioxole
$C_{8}N_{2}C_{8}N_{2}C_{9}C_{6}$ Indoloquinoxaline
$C_{8}N_{2}C_{8}N_{2}C_{9}C_{6}$ Indoloanthrathyridine
Indoloquinoline
$C_{8}N_{2}C_{8}N_{2}C_{9}C_{6}$ Benzopyrindindole
Indoloquinoline
$C_{8}N_{2}C_{9}C_{9}C_{6}$ Anthrapyrole
Benzocarbazole
Naphthindole
$C_{8}O_{2}C_{8}N_{2}C_{9}C_{6}$ Benzofuranoxaline
$C_{8}O_{2}C_{8}O_{2}C_{9}C_{6}$ Benzodioxanoxaline
$C_{9}C_{9}C_{9}C_{9}$ Anthrafluoran
Benzonaphthofuran
Phenanthrofuran
Spiro[fluoran-2(3),1'(2')-phenanthren] 5-one
$C_{8}S_{2}C_{9}C_{9}C_{6}$ Benzothiophanthrene
Phenanthrothiophene
$C_{8}C_{8}S_{2}C_{9}C_{6}$ Spiro[*m*-dithiane 2,9' fluorene]
$C_{8}C_{8}N_{2}C_{9}C_{6}$ Indenoquinoline
$C_{8}C_{8}O_{2}C_{9}C_{6}$ Benzindenopyran
$C_{9}C_{9}C_{9}C_{6}$ Acenanthrene
Acephenanthrylene
Benzofluorene
Chrysofluorene
Cyclopentaphenanthrene
Spiro[1-benz[*f*]indene-1,1'-cyclohexane]
5,6,6,7 $C_{10}O_{2}CN_{2}C_{9}C_{6}N$ Azepodioxolosoquinoline
Azepolo[1,2]thiazolo[*g*]isoquinolinium(1)
5,6,6,6 $C_{8}N_{2}S_{2}C_{9}C_{6}C_{6}$ Anthrathiadiazine
$C_{8}N_{2}O_{2}C_{9}C_{6}C_{6}$ Phenanthroxazine
$C_{8}N_{2}C_{8}N_{2}C_{9}C_{6}$ Pyridopyrimidoquinoxaline
$C_{8}N_{2}C_{8}N_{2}C_{9}C_{6}$ Benzopyrimidoquinoxaline
$C_{8}N_{2}C_{9}C_{9}C_{6}$ Pyranophenazine
$C_{8}N_{2}C_{9}C_{9}C_{6}$ Benzophenazine
Dibenzoquinoxaline
Naphthoquinazoline
$C_{9}C_{9}C_{9}C_{9}C_{6}$ Anthracene, 1,4-dimethoxy 9 10-diphenyl , 9 10-photoxide*
Anthracene, photoxide*
$C_{8}N_{2}C_{8}N_{2}C_{9}C_{6}$ Benzophenanthroline
Dibenzoquinoline
Dibenzoquinolinium
Quinoquinoline
$C_{8}N_{2}C_{8}O_{2}C_{9}C_{6}$ Benzopyranoquinoline
$C_{8}N_{2}C_{9}C_{9}C_{6}$ Benzacridine
Benzophenanthridine
Benzophenanthroline
Naphthisoquinoline
Naphthoquinoline
$C_{8}O_{2}C_{8}O_{2}C_{9}C_{6}$ Benzopyranobenzopyrylium
Diphenic acid 6,6'-dihydroxy , dilactone
9,10-Phenanthrenedicarboxylic acid tetra decahydro-4a hydroxy , 9 4a lactone
2,2' Spirochroman
$C_{8}O_{2}C_{9}C_{9}C_{6}$ Benzonaphthopyran
Benzoxanthene
Phenanthropyran
$C_{8}S_{2}C_{9}C_{9}C_{6}$ Benzothioxanthene
$C_{9}C_{9}C_{9}C_{9}C_{6}$ Benzanthracene
Benzophenanthrene
Chrysene
1 Phenoanthracene
Naphthacene
Pyrene
Triphenylene
6,6,6,7 $C_{9}C_{9}C_{9}C_{8}S$ Benzonaphthothiepin

5-RING SYSTEMS

5,5,5,5,6 $C_{8}C_{8}C_{8}C_{8}C_{6}N_{2}$ Dimethanobenzocinnoline
5,5,5,5,16 $C_{8}N_{2}CN_{2}CN_{2}CN_{2}C_{6}N_{2}$ Etoporphyrin, dumino-*
$C_{8}N_{2}CN_{2}CN_{2}CN_{2}C_{6}N_{2}$ Etoporphyrin, monomino-*
$C_{8}N_{2}CN_{2}CN_{2}CN_{2}C_{6}N_{2}$ Porphine
5,5,5,6,6 $C_{8}N_{2}C_{8}O_{2}C_{8}O_{2}C_{9}C_{6}$ Bisbenzofuroprorrole
$C_{8}N_{2}C_{9}C_{9}C_{9}C_{6}$ Dumdenopyrrole
$C_{8}O_{2}C_{8}O_{2}C_{9}C_{9}C_{6}$ 3,6-Cholestanedione, 2,5-oxide*
Cholestan-6-ol 3-one, 2,5-oxide*
5,5,6,6,6 $C_{8}N_{2}S_{2}C_{9}C_{9}C_{9}C_{6}$ Anthrasthiazole
Anthradisothiazole
$C_{8}N_{2}C_{9}C_{9}C_{9}C_{9}C_{6}$ 4,5 (Δ^{4} Cholestene 2,3)pyrazole 3 carboxylic acid*
Δ^{4}-Etiocholene 17-sprohydantoin, 3-hydroxy-*
$C_{8}O_{2}C_{8}O_{2}C_{9}C_{9}C_{6}$ Anthradioxole
$C_{8}N_{2}CN_{2}CN_{2}C_{9}C_{6}$ Pyrazinodiindole
$C_{8}N_{2}C_{8}O_{2}C_{9}C_{9}C_{6}$ Benzobenzofurondole
$C_{8}O_{2}C_{8}O_{2}C_{9}C_{9}C_{6}$ 2,12-Epoxypentacene
$C_{8}O_{2}C_{9}C_{9}C_{9}C_{9}C_{6}$ Cholestenoneoxalic acid*, lactone
$C_{8}C_{8}C_{8}N_{2}C_{9}C_{6}$ Dundenopyridine
$C_{8}C_{8}C_{9}C_{9}C_{9}C_{6}$ Indenofluorene
5,6,6,6,6 $C_{8}N_{2}CN_{2}C_{9}C_{9}C_{6}$ Benzopyrazolophenazine
$C_{8}N_{2}C_{8}N_{2}C_{9}C_{9}C_{6}$ Benzimidazophenanthridine
Benzisoquinobenzimidazole
Benzoquinobenzimidazole
Isoquinonaphthopyrazole
$C_{8}O_{2}S_{2}C_{9}C_{9}C_{9}C_{9}C_{6}$ Spiro[naphthalene - 1(2),2' - naphth [1,2][1,3]oxaselenol] 2-one
$C_{8}O_{2}C_{8}N_{2}C_{8}N_{2}C_{9}C_{6}$ Benzobenzodioxoloquinolizine
Benzobenzodioxoloquinolizinium
$C_{8}N_{2}C_{8}N_{2}C_{8}N_{2}C_{9}C_{6}$ Benzindoloquinolizine
Indoloazapheuanthridine
$C_{8}N_{2}C_{8}N_{2}C_{9}C_{9}C_{6}$ Acridoline
$C_{8}N_{2}C_{9}C_{9}C_{9}C_{9}C_{6}$ Anthrindole
Dibenzocarbazole
9,10-Ethanoanthracene-11 12-dicarboximide
Naphthacarbazole
$C_{8}O_{2}C_{8}O_{2}C_{8}O_{2}C_{9}C_{6}$ Benzofurobenzopyranopyran
$C_{8}O_{2}C_{8}O_{2}C_{9}C_{9}C_{6}$ Fluoran
$C_{8}O_{2}C_{9}C_{9}C_{9}C_{9}C_{6}$ Anthrabenzofuran
Dinaphthofuran
Furanoanthracene
$C_{8}S_{2}C_{9}C_{9}C_{9}C_{9}C_{6}$ Dibenzothiophanthrene
$C_{8}C_{8}N_{3}C_{9}C_{9}C_{9}C_{6}$ Triazine m 292–5°, 5409*
$C_{8}C_{8}N_{2}C_{9}C_{9}C_{9}C_{6}$ 4 7 Cholestanedione, dihydropyridazine deriv *
$C_{8}C_{8}O_{2}C_{8}O_{2}C_{9}C_{9}C_{6}$ $\Delta^{1,4}$-Cholestadiene, peroxide*
Δ^{1} Cholestene 2 5-peroxido-*
$C_{8}C_{8}O_{2}C_{9}C_{9}C_{9}C_{6}$ $\Delta^{1,4}$-Cholestadiene peroxide*
Δ^{1} Cholestene 2,5-peroxido-*
$C_{8}C_{8}S_{2}C_{8}C_{9}C_{9}C_{6}$ Dispiro[cyclohexane 1 5' *m*-dithiane-2' 9'' fluorene]
$C_{8}C_{8}N_{2}C_{9}C_{9}C_{9}C_{6}$ Benzindenoquinolin
Indenoacridine
$C_{9}C_{9}C_{9}C_{9}C_{9}C_{6}$ Benzacenanthrylene
Benzacephenanthrylene
Cholanthrene
Cyclopentatriphenylene
Dibenzofluorene
Naphthofluorene
6,6,6,6,6 $C_{8}N_{2}C_{8}N_{2}C_{9}C_{9}C_{9}C_{6}$ Quinolinophenazine
$C_{8}N_{2}C_{9}C_{9}C_{9}C_{9}C_{6}$ Diazaperylene
Dibenzophenazine
Naphthophenazine
Phenanthroquinazoline
$C_{8}O_{2}C_{8}O_{2}C_{9}C_{9}C_{9}C_{6}$ Dibenzofuranoxanthone, 2 12 photoxide
$C_{8}N_{2}CN_{2}C_{9}C_{9}C_{9}C_{6}$ Dibenzophenanthridine
$C_{8}N_{2}C_{9}C_{9}C_{9}C_{9}C_{6}$ Azaperylene
? Benz[*d*]anthracene - 11 -carboxylic acid, 1-amino-7-oxo-, lactam
Dibenzacridine
Naphthacridine
Phenanthroquinoline
$C_{8}O_{2}C_{9}C_{9}C_{9}C_{9}C_{6}$ 7 - Benz[*de*]anthracene - 11 - carboxylic acid, 1 hydroxy 7-oxo-, lactone
Dibenzoxanthene
Dibenzoxanthylene
$C_{8}S_{2}C_{9}C_{9}C_{9}C_{9}C_{6}$ Dibenzothiaxanthene
$C_{9}C_{9}C_{9}C_{9}C_{9}C_{6}$ Benzochrysene
Benzonaphthacene
Benzopyrene
Dibenzanthracene
Dibenzophenanthrene
Ethanobenzanthracene
Pentacene
Perylene
Picene
6,6,6,6,7 $C_{8}N_{2}CN_{2}C_{9}C_{9}C_{9}N_{2}$ Ethenoquinobenzodiazepine
$C_{9}C_{9}C_{9}C_{9}C_{9}O_{2}$ Dinaphthodioxepin
6,6,6,6,10 $C_{8}N_{2}CN_{2}C_{9}C_{9}C_{9}O_{2}$ 4,7-Phenanthroline 1 10 diol, 3,8-dimethyl , cyclic phthalate
6,6,6,6,20 $C_{9}C_{9}C_{9}C_{9}C_{9}O_{2}$ Bebeerilene, 0-ethyl *
6,6,6,6,22 $C_{9}C_{9}C_{9}C_{9}C_{10}As_{4}$ Diarsenobisdiphenylmethane, tetranitro-*
6,6,6,6,24 $C_{9}C_{9}C_{9}C_{9}C_{10}O_{2}S_{2}$ Phenol p,p' thiodi , cyclic bisdecamethylene ether, 9301*

6-RING SYSTEMS

5,5,6,6,6,6 $C_{8}N_{2}C_{8}N_{2}CN_{2}C_{9}C_{9}C_{6}$ Benzobismidazophenanthroline
$C_{8}N_{2}CN_{2}CN_{2}C_{9}N_{2}C_{9}C_{6}$ Dumdolonaphthyridine
$C_{9}C_{9}C_{9}C_{9}C_{9}C_{9}C_{6}$ Benzindenofluorene

5,6,6,6,6,6 $C_{42}N_2$ Ethanobenz[a]anthracene - 13,14-dicarbonimide
$C_{42}O_2N_2$ Chloreremose, pyrédanze deriv *
$C_{42}O_2$ Furanobenzanthracene
$C_{42}O_2$ Benzocaphthindenopyrylium spiro'acenaphthene-1,9 - xanthen]-2-one
C_{42} Ethanobenzacranthrylene
5,6,6,6,6,7 $C_{42}O_2$ Acenaphthodibenzopyran
6,6,6,6,6,6 $C_{42}O_2$ Chrysophenotazine*
$C_{42}N_2$ Chrysophenazine
Tribenzophenazine
$C_{42}N_2$ Acridarsidine
$C_{42}N_2$ Benzonaphthacridine
Benzonaphthoacridine
Tribenzacridine
C_{42} Benzoperylene
Dibenzopyrene
Ethanodibenzanthracene
Hexacene

7-RING SYSTEMS

5 5 5,5,6,6,6 $C_{42}O_2$ Tetracyclopentanthracene
5 5,5,6,6,6,6 $C_{42}O_2$ Benzotribenzofuran
5 5 6 6 6,6,6 $C_{42}N_2$ Ethanobenz[j]acenanthrylene - 13,14 - dicarbonimide
$C_{42}O_2$ Ethanobenz[j]acenanthrylene - 13,14 - dicarboxylic anhydride
Ferranobenzocyclopentanthracene
C_{42} Rubicene

9-RING SYSTEMS

5,5,5,5,6,6,6,6,12 C_{42}
6,6,6,6,6,6,6,6,16 $C_{42}N_2$ Phthalocyanine
$C_{42}N_2$
6,6,6,6,6,6,6,6,6 C_{42} Tetrabenzoperylene
$C_{42}O_2$ Compd., m. 370°, ε3167
C_{42} Dibenzocoronene
Dinaphthoperylene

10-RING SYSTEM

5,6,6,6,6,6,6,6,6,6 $C_{42}O_2$ Dye P 1511[1]

12-RING SYSTEM

5,5,5,5,6,6,6,6,6,6,6,8 C_{42} Fluorocyclene*

5,6,6,6,6,6,6 $C_{42}N_2$ Benzoquinoxyrazolophenazine
$C_{42}N_2$ 7,14 - Ethanodibenz[a,h]anthracene - 15,16 - dicarbonimide
$C_{42}O_2$ Furanodibenzanthracene
6,6,6,6,6,6,6 C_{42} Anthrazine
Chrysa-1,2 naphthazine*
$C_{42}N$ Dehydro - Δ - β - tolyl - *m*-phenyl - 1,2,7,8 - dibenzoacridanium chloride*, 4290[1]
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$C_{42}S$ Dehydro-*m*-phenyldibenzothioanthenium salts*, 4235[1]
C_{42} Coronene
Diberzoperylene
Tetrabenzanthracene
Trinaphthylene
6,6,6,6,6,6,20 $C_{42}N_2$ Bebeerine*

8-RING SYSTEMS

6,6,6,6,6,6,6,6 $C_{42}O_2$ Trinaphthylenofuran
6,6,6,6,6,6,6,6 $C_{42}N_2$ Benzonaphthoquinoxalophenazine
$C_{42}O_2$ Dibenzoxanthenoxanthene
C_{42} Tribenzoperylene

For botanical and zoölogical nomenclature. For the common animals and plants the common names, as *Opossum* and *Wheat*, have been used in accordance with the basic indexing principle that it is best to make entries where most of the index users will look first. For all other animals and plants the scientific names have been used wherever possible. Cross references have usually been entered in both cases, sometimes for several common names. Both types of name (with cross references both ways) have occasionally had to be used for what may be the same organism because of insufficient information, sometimes even in original papers.

For *insects* our authority has been "Common Names of Insects Approved for General Use by the American Association of Economic Entomologists"[1]

[1] *J. Econ. Entom.* 30, 337(1937)

For *bacteria* the classification given in Bergey's "Manual of Determinative Bacteriology," fourth edition, has been followed as far as possible, with numerous cross references.

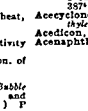
Alloys. Except for general studies of alloys entries have been made under such headings as *Copper alloys* for each constituent of a given alloy down to small percentage or significance. Alloy trade names (very numerous) have either been entered as headings, as *Duralumin*, with suitable cross references to direct the index user to these names, or have been brought to the beginning of modifying phrases under the alloy heading for the chief constituent in each instance, with cross references entered for the other constituents and for the trade names. "Engineering Alloys," by Normal E Woldman and Albert J Dornblatt (American Society for Metals, 1936) has been used for reference.

E J CRANE, Editor

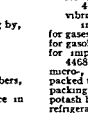
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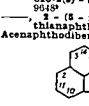
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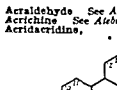


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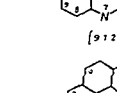
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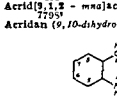


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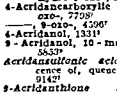


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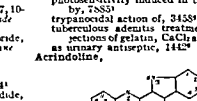


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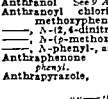


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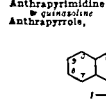
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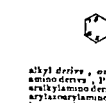
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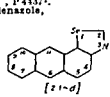


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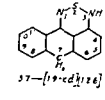


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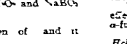
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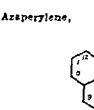


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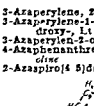
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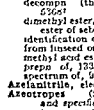
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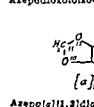


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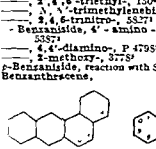
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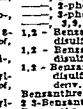


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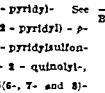
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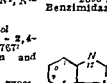
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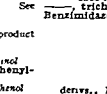
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[*q*]



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2,1 - *para* - Benzisoquinoline - 1,3(2)-dione See *Naphthalimide*

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[*a*] — [*2',1',1 5*] — [*4,3-c*]

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——, 6,7 - dichloro - 2 - (phenylsulfonyl)-, 6306⁸

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[*f*][*13*] — [*5 6-a*]

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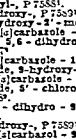
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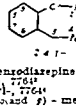
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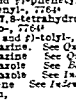
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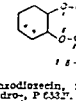
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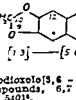
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a — 2 3 4 a]



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4 8—[1 2 b 3 4 b]



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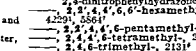
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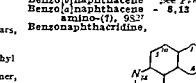
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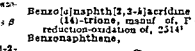
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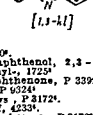
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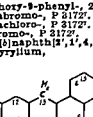
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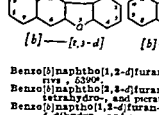
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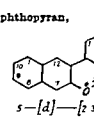
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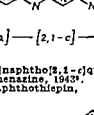
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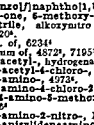
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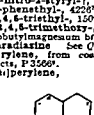
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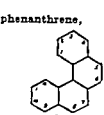
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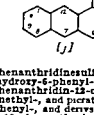
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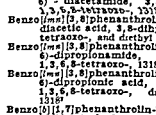
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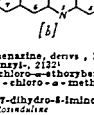
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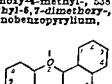
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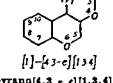
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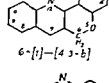
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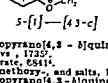
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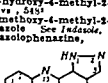


6-[1]—[4 3-b]



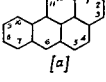
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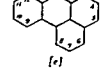


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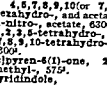


[a]



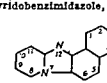
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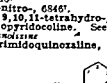
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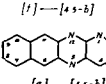


[c]—[a]

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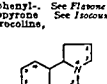


[f]—[4 5-b]



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[*f*]



[*h*]

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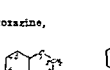
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2 1 3 -

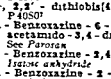
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(3 4 5 6 1 2 O N)

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(1 2 3 4 5 6 O N)

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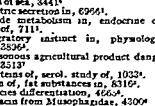


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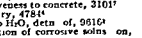
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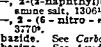
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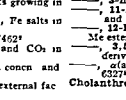
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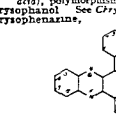
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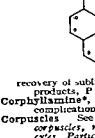
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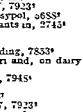
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Cyclopentaphenanthrene,



4—[*b*]



15—[*a*]



17—[*a*] 2—[*l*]

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Cyclopentapyrazine,



2 -

2 - Cyclopentapyrazine - 6 7 - dione, 5,8 - dihydro - 5 - hydroxy-[illegible]

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——, 2,4,5,6 - tetrahydro - 2,3 - dimethyl-, 590[4]

——, 1,4,5,6(and 2,4,5,6)-tetrahydro-1 (and 2)-methyl-, and Me esters, 590[4]

——, 1,4,5,6 - tetrahydro - 3 - methyl-, and Et ester, 590[4]

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2 — [c]

2 - Cyclopenta[c]pyridazin - 3(5) - one, 6,7 - dihydro - 4 - hydroxy-, and acetyl derivs , 589[4]

——, 6,7 - dihydro - 4 - hydroxy - 2,6-dimethyl-, 590[4]

——, 6,7 - dihydro - 4 - hydroxy - 2-methyl-, and acetate, 590[4]

——, 6,7 - dihydro - 4 - hydroxy - 6-methyl-, and acetate, 590[4]

——, 6,7 - dihydro - 4 - hydroxy - 2-phenyl-, 590[4]

Cyclopentaquinoline,



6 — [g]



7 — [f]



7 — [h]

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6 - Cyclopenta[g]quinoline, 7,8 - dihydro-, and derivs , 6853[4]

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7 - Cyclopenta[h]quinoline, 8,9 - dihydro-, and derivs , 6853[4]

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5 - Cyclopenta[i]quinoline - 2 - carboxylic acid, 7,8-dihydro-, 6853[4]

6 - Cyclopenta[i]quinoline - 2 - ethanol, 7,8-dihydro-, 6853[4]

Cyclopentaquinoxaline,



1 — [f]

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——, 1,2,3-triphenyl-, 3351[4]

1 - Cyclopenta[b]quinoxalin - 1 - one, 2,3-dimethoxy-, 971[4]

——, 3(or 3) - hydroxy - 3(or 2) - methoxy-, and potassium deriv., 971[4]

11-Cyclopenta[a]triphenylene,



II — [a]

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6233[4]

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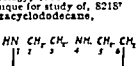
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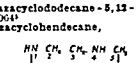
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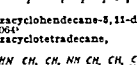
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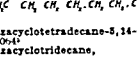
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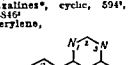
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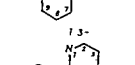
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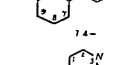
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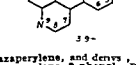


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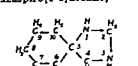


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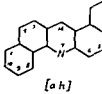
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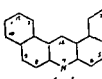
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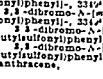


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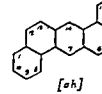


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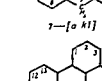
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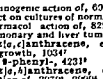
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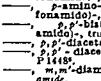
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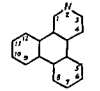
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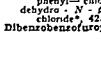


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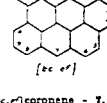
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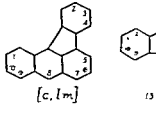


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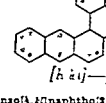


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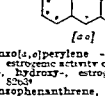


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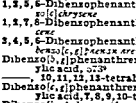
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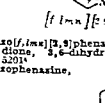
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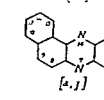
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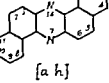
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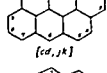
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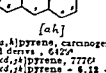


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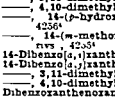
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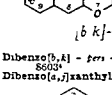
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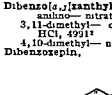
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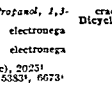
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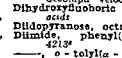
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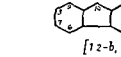
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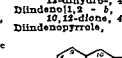


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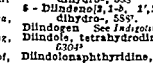


5—[1·2-*b*·2'·1'-*d*]



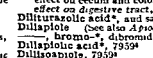
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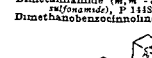
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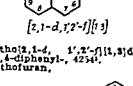
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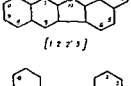
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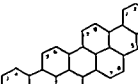
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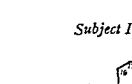
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[1,2 3 -cd, 1',2',3'-lm]

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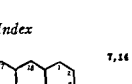
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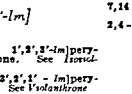


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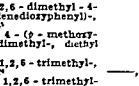
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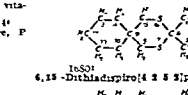
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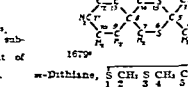
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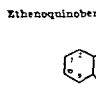
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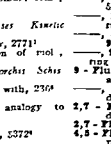
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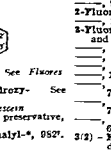
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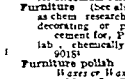
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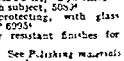
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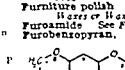
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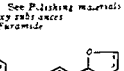
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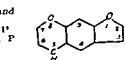


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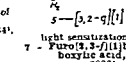
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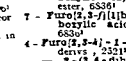
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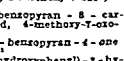


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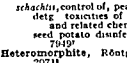
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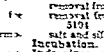
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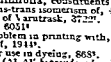
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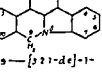


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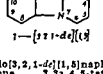


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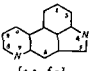
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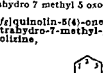
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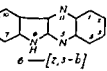
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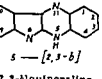
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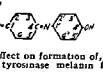
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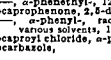


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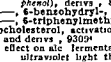
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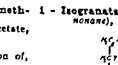
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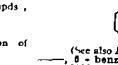


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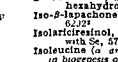
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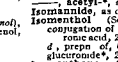
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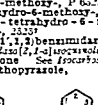


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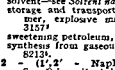
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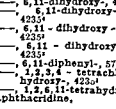
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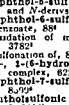


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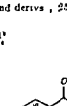


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2 - [1 2-*b*]



4 - [1 2-*b*]



1 3 - [3 2-*c*]

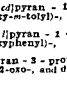


2 - [2 3-*b*]

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3 - [2 1]



1 - [2 3]

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[2,3-f]

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Naphthoquinoline,



7—[1 8-gh]



[1 2-f]



[2 1-f]



[1 2-g]



[2 3-f]

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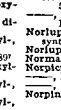
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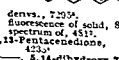
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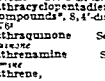
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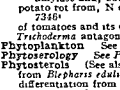
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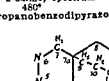
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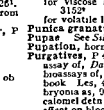
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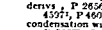
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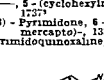
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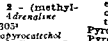
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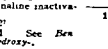


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——, *5 - (dichloromethyl) - 3,4 - diethyl-*, 8206†
——, *5 - (dichloromethyl) - 3,4 - diethyl-*, 2901†
——, *3,4-diethyl-5-formyl-*, 8206†
——, *3,4 - diethyl - 5 - (methoxymethyl)-*, 8206†
——, *3,4-diethyl-5-methyl-*, 8206†
——, *3,4,5-triethyl-*, 2900†
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——, *4-ethyl-3,5-dimethyl-*, mol assocn of, 9320†
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——, *2,4-diethyl-3,5-dimethyl-*, Et ester, 5393†
——, *3,5-dimethyl-*, Et ester, mol assocn of, 9320†
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——, *5 - (anilinomethyl) - 3,4-dichloro-*, 1 t ester, 2901†
——, *3 - bromo - 4 - cyano - 5 - methyl-*, 1 t ester, 2901†
——, *3 - bromo - 4 - formyl - 5 - methyl-*, Et ester, 2901†
——, *5 - (bromomethyl) - 3,4 - diethyl-*, 1 t ester, 8206†
——, *5 - carbamyl - 3,4 - dichloro-*, Et ester, 2900†
——, *3 - chloro - 5 - (chloromethyl) - 4 - cyano-*, Et ester, 2901†
——, *4 - chloro - 4 - cyano - 5 - (hydroxymethyl)-*, Et ester, 2901†
——, *3 - chloro - 4 - cyano - 5 - methyl-*, Et ester, 2901†
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——, *4 - cyano - 5 - (dichloromethyl)-3-methyl-*, Et ester, 2901†
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— 3,4 - dichloro - 5 - (dichloromethyl)-, Et ester, 2900
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— 3,4 - dichloro - 5 - formyl-, and Et ester, and its oxime, 2900
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— 3,4 - dichloro - 5 - (1 - hydroxyisopropyl)-, Et ester, 2900
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— 3,4-dichloro-5-(methoxymethyl)-, Et ester, 2900
— 4 - (1,2 - dichloro - 2 - nitroethyl)-3 - methyl - 5 - (trichloromethyl)-, Et ester, 5863
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— 3,4 - dichloro - 5 - triazocarbonyl-, Et ester, 2900
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— 5 - bromo - 2 - [3,5 - dimethyl - 4 - (2 - nitrovinyl) - 2 - pyrrylmethylene] - 3 - ethyl - 4 - methyl-, HBr, 5864
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— 2 - (5 - bromo - 2 - ethyl - 4-methyl - 2 - pyrrylmethylene) - 3-ethyl - 5 - methoxy - 4 - methyl-, and HBr, 5864
— 5 - [3 5 - dimethyl - 4 - (2 - nitrovinyl) - 2 - pyrrylmethyl] - 2 - [5 - [3 5 - dimethyl - 4 - (2 - nitrovinyl) - 2 - pyrrylmethyl] - 4-ethyl - 3 - methyl - 2 - pyrrylmethylene] - 4 - ethyl - 3 - methyl-, HBr, 5863
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— 5 - [3 - (2 - carboxyethyl) - 5-chloro - 4 - ethyl - 2 - pyrrylmethylene]-4-methyl-, diethyl ester, 4999
— 2 - [2 - (2 - carboxyethyl) - 5 - (5-hydroxy - 4 - methyl - 3 - vinyl - 2-pyrrolylidenemethyl)-4-methyl-2-pyrrylmethylene] - 5 - (4 - ethyl-5 - hydroxy - 3 - methyl - 2 - pyrrolenylidenemethyl) - 4 - methyl-, dimethyl ester, 5864
— 2 - [3 - (2 - carboxyethyl) - 4-methyl - 2 - pyrrylmethylene]-5-methoxy - 4 - methyl-, dimethyl ester, 4999
— 2 - [3 - (2 - carboxyethyl) - 4-methyl - 5 - (*p* - sulfophenylazo)-2 - pyrrylmethylene] - 5 - methoxy-4-methyl-, dimethyl ester, HCl, 4998
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— 5 - (5 - carboxy - 3 - ethyl - 4-methyl - 2 - pyrrylmethyl) - 2-[4 - ethyl - 5 - (ethoxycarboxy - 3 - ethyl - 4 - methyl - 2-pyrrylmethyl) - 3 - methyl - 2-pyrrylmethylene] - 3 - methyl-, tetraethyl ester, HBr, 5868
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— 5 - ethyl - 3 - (3 - ethyl - 4 - methyl-5 - phenylazo - 2 - pyrrylmethylene)-4-methyl-, HCl, 4999
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HOOC C (OH) CH CH CH CH
1 2 3 4 5 6

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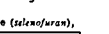


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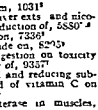
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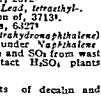


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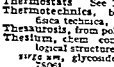
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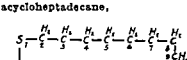
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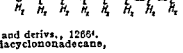
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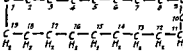
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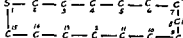
and compd with $HgCl_2$, 1266f.

Thiacyclopentadecane,



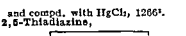
and compd. with $HgCl_2$, 1266f.

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1,3,4-Thiadiazole,



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——, 2,2' - thiobis[5 - (benzylmercapto) -, 599f.

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1,3,4 - Thiadiazole - 2,5 - dithiol, 599f

1,3,4 - Thiadiazole - 2 - thiol, 5,5'-thiobis-, 599f.

——, 3,5-diphenyl-, 2518f.

1,3,4 - Thiadiazoline, 2,5 - bis(phenylimino)-, 599f.

——, 2,5 - bis(o - tolylimino)-, and acetyl deriv , 598f, 599f.

——, 2,5-bis(*p*-tolylimino)-, 599f.

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——, 2 - imino - 5 - *p* - tolylimino-, melting point 203°, and ·HCl, *m* 188° (198°, given in absts , as m p of acetyl deriv), 599f.

1,3,4 - Thiadiazolidine - 2 - thione, acetylbenzyl - 5 - o - tolylimino-, 598f.

——, acetylmethyl - 5 - o - tolylimino-, 598f.

——, acetyl - 5 - o - tolylimino-, 598f.

——, benzyl-5-o-tolylimino-, 598f.

——, 3,4 - diacetyl - 5 - o - tolylimino-, 598f.

——, methyl - 5 - o - tolylimino-, 598f

——, 5 - phenylimino-, 598f, 599f.

——, 5—o-tolylimino-, 598f, 599f.

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Δ^2 - **1,3,4 - Thiadiazoline, 2,2' - dithiobis(5 - o - tolylimino-, 598f**

——, 2,2' - dithiobis[5 - *p* - tolylimino-, 599f.

Δ^2 - **1,3,4 - Thiadiazoline - 2 - carboxylic acid, 5 - imino ~ 4 - (*p* - nitrophenyl)-, Et ester, and its ·HCl, 2518f.**

——, 4 - (*p* - nitrophenyl) - 5 - nitroso-imino-, Et ester, 2518f.

——, 4 - (*p* - nitrophenyl) - 5 - thioxo-, Et ester, 2518f.

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——, bis(chloromercuri)-, 6839f.

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——, 2,3,3a,4,7,7a - *hexahydro - 5,6-dimethyl-*, 1 dioxide, 1299f.

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——, 5 - chloro - 2 - (2 - oxo - 1 - acenaphthenylidene)-, 9647f

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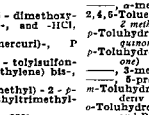
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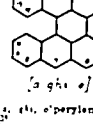


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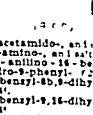
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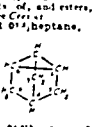
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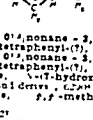


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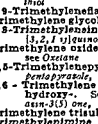


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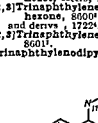
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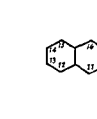
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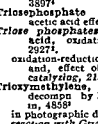
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III. FORMULA INDEX

KEY

In using this index the following should be borne in mind:

1. The Formula Index is supplementary to the Subject Index; in no sense does it replace any part of the latter. Unnamed, incompletely described compounds can often be given specific entry in the Formula Index only.

2. Inorganic as well as organic compound have been entered.

3. Entries under their own formulas are made for all strictly inorganic and strictly organic compounds, both addition compounds and true reaction derivatives (this includes esters, hydrazones, methohalides, oximes, picrates, semicarbazones, etc.). Inorganic salts of organic acids and inorganic addition compounds of organic compounds (hydrohalides, chloroplatinates, perchlorates, sulfates, etc) are not given separate entries but are indicated in modifying phrases under the formulas of the compounds from which they are derived (under the acid in the case of a salt). Salts of formic, acetic and oxalic acids are exceptions; these are entered as such.

4. The arrangement of symbols in formulas is alphabetical except that in carbon compounds C always comes first, followed immediately by H if hydrogen is also present.

5. The arrangement of formulas is also alphabetical except that the number of atoms of any specific kind influences the order of compounds; e. g., all formulas with 1 C come before those with C_2 thus: CCl_2O, CCl_4, $CHCl_3$, CHN, CHNO, CH_2Br_2, CH_2O, CH_3Cl, CO, C_2Ca, $C_2H_4O_2$

6. The arrangement of entries under any heading is alphabetical according to the preferred names of the isomers

7. Entries consist of (*a*) the formula (in boldface type), (*b*) the name as it has been entered in the Subject Index (in light-face Roman type; *it should be noted particularly that the part of the entry in this type is the exact equivalent of the formula given*), (*c*) occasionally a modifying phrase or word such as "Ca salt" or "hydrochloride" (in italics, different type being used to set off that part of a compound being indexed which is not represented in the formula used, see ¶ 3 above), (*d*) the column reference and (*e*) the fraction of the column in ninths (indicated by a small superior numeral) in which the compound will be found.

8. Cross-references are to the Subject Index.

9. Water of hydration is not made a part of the formulas indexed but is usually given in light-face type following the formulas

10. Polymers having different names and recognized as different substances, e g., acetaldehyde and paraldehyde, are all entered under their accepted formulas. But definite compounds for which different polymeric formulas are in use are entered under the simplest formula

11. A straight line, thus —, used under some headings to avoid repetition of names, always stands for the name of the "index compound," i. e., that part of the preceding name (inverted) which comes before the comma

12. "P" before a page number indicates that the abstract is of a patent.

13. The names beryllium (Be), columbium (Cb), hafnium (Hf) and illinium (Il) are given preference over glucinum (Gl), niobium (Nb), celtium (Ct) and fluorentium (Fr), respectively, for these elements

14. For deuterium the symbol D is used. It is placed alphabetically in formulas, the exception in arrangement made for H not being extended to include this isotope.

The Key to a Formula Index is necessarily lengthy. It would not be correct to conclude from this that this index is difficult to use. Experience is to the contrary

INTRODUCTION

General purpose and policy. The location of chemical compounds in an index by names is at times uncertain because names vary and in the case of complex compounds may be difficult to ascertain New compounds are constantly being prepared, which, if named at all, may receive more than one name that is justified from one point of view or another, and the possibilities of incorrect names are great Since the kinds and number of component atoms of a chemical compound are unvarying characteristics the supplementary Formula Index to *Chemical Abstracts* is

published for the purpose of eliminating this element of uncertainty in the Subject Index. Except that unnamed compounds are no longer entered under the heading "Compound," the Subject Index is in no way altered on account of the Formula Index. In the Subject Index related compounds are *grouped* rather effectively and to good use by the present system of indexing on the basis of "parent compounds" or more accurately "index compounds", in the Formula Index the certain location of *individual* compounds is the primary consideration The Subject Index is more convenient to use in some respects, and it frequently contains more information in the form of modifying phrases The repetition of modifying phrases in the Formula Index beyond necessary brief phrases to indicate derivatives has been avoided as unnecessary for the accomplishment of the real purpose of this index, as stated above, and is inconsistent with necessary economy Isomerism is not indicated in the Formula Index in cases in which the names differ only in position numbers or letters but it always is in the Subject Index when known. Ready reference to the Subject Index for the purpose of locating information regarding related compounds is made possible by the use in the Formula Index of names following the formulas written exactly as they appear in the former index.

All new compounds and all compounds for which new data are given have been entered Most of the compounds have been entered under their own formulas. Some departure from a policy of making separate formula entries for derivatives of all kinds is reasonable and accords with custom The only departures in this index (see ¶ 3 of the Key) have been in classes of compounds the natures of which would be more than likely apparent to the investigator The interest in a salt of a complex organic acid, for example, is likely to be mainly in the acid, and it is considered more valuable to have the record of it under the formula of the acid for the use of searchers looking up that acid.

In the case of unnamed organic compounds where possible the class, as acid, and melting or boiling point have been given.

Cross references to the Subject Index have been used for many simple inorganic compounds, for all minerals of definite composition and for the organic compounds more commonly met with, in general, whenever it seemed likely that users of *Chemical Abstracts* would predominantly refer to the Subject Index.

The System. The system, as described in the Key, is, with slight modifications, that worked out by Dr Edwin A. Hill,[1] and used by the Classification Division of the U S Patent Office This system is preferred to the system of Richter's Lexikon because of its greater simplicity and its applicability with equal fitness to inorganic as well as to organic compounds

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CCl_3 See *Carbon tetrachloride*
CCl_3OS Methanesulfonyl chloride, tri-chloro-, 3931
$CCoN_6H_{12}Cl$ Cobalt cyanamide, 8131ᵍ
$CCr_2Na_2O_4$ Sodium carbonate chromate, 6125ᵍ
$CCuN$ See *Copper cyanide*
$CCuO_3$ See *Copper carbonate*
$CDNaO_3$ Sodium carbonate d, 4166
CD_2O Formic acid, dideu-, 6142ᵍ see d
CD_2O_3 Carbonic acid d 1535ᵍ
CD_3 Methane-d, 3047ᵍ, 3056ᵍ
CD_4N O Urea-d, 6146ᵍ, 8110ᵍ
CD_5N_3 Guanidine d, *HCl*, 8116ᵍ
CF_2 See *Carbon difluoride*
$CFeN$ Iron cyanamide, 8134ᵍ
$CFeO_2$ See *Valerite*
CFe_2 See *Cementite*
CH Sc. 2411ᵍ, 4543ᵍ
$CHBrCl_2$ Methane, d bromodichloro-, 6718ᵍ
$CHBrF_2$ Methane, dibromodifluoro-, 1215ᵍ
$CHBr_2NO_2$ Methane, dibromonitro-, 8093ᵍ
$CHBr_3$ See *Bromoform*
$CHClF_2$ See *Methane, chlorodifluoro-*
$CHCl_2F$ See *Methane, dichlorofluoro-*
$CHCl_3$ See *Chloroform*
CHD_3 Methane-d$_3$, 8065ᵍ
CHI_3 See *Iodoform*
$CHKN_2O_4$ Methane, dinitro-, K derv, 8115ᵍ
$CHKO_2$ See *Potassium formate*
$CHKO_3$ See *Potassium carbonate*
CHN See *Hydrocyanic acid*
$CHNaO$ See *Sodium formate*
$CHNaO_3$ See *Sodium carbonate*
CHO Formyl, 1217ᵉ
CH_4 Methylene, 1334ᵍ, 1663ᵍ, 9279ᵍ, 9280ᵍ
CH_2AlNaO_3 See *Dawsonite*
CH BrCl Methane, bromochloro-, 6719ᵍ
CH BrI Methane, bromoiodo-, 6719ᵍ
CH Br$_3$ See *Methane, dibromo-*
CH Cl$_3$ See *Methane, chloroform-*, 6719ᵍ
CH_2Cl See *Methane, dichloro-*
CH Cu O$_2$ See *Malachite*
CH D Methane-d$_1$, 8065ᵍ
CH_2 F$_2$ Methane, difluoro-, 4185ᵍ, 5791ᵍ
CH_3HgN O Urea, mercury derv, 8572ᵍ
CH_3NaO$_3$S Skodan, 7331ᵍ
CH_3Ni See *Methyl nickel*
CH_2Mg O$_3$ + 3H$_2$O See *Artinite*
CH N See *Cyanamide* *Methane, diazo-*
CH_3NO$_3$ Methylene nitrate, 2458ᵍ
CH O See *Formaldehyde*
$(CH$ O$)_x$ See *Paraformaldehyde* *Polyoxymethylene*
CH O$_2$ See *Formic acid*
CH O$_3$ See *Carbonic acid*
CH_3 See *Methyl*
CH_3Br See *Methane, bromo-*
CH_3Cl See *Methane, chloro-*
CH_3ClHgS Methylmercaptomercury chloride, 1265ᵍ, 8467
CH_3ClMg Methylmagnesium chloride, 8263ᵍ
CH_3ClN$_2$ Formamidine, α-chloro-, *HCl*, 1682ᵍ
CH_3ClO S Methanesulfonyl chloride, 8572ᵍ
CH_3ClO$_3$S Methyl chlorosulfonate, 1269ᵍ
CH_4D Methane-d, 3693ᵍ, 5734ᵍ, 8065ᵍ
CH_4DO Methanol d, 136ᵍ, 2003ᵍ, 2396ᵍ, 3249ᵍ
CH_3F Methyl fluoride, 6717ᵍ
CH_3I See *Methane, iodo-*
CH_3IMg Methylmagnesium iodide, 1267ᵍ, 2488ᵍ, 3383ᵍ, 6237ᵍ, 6263ᵍ, 6309ᵍ
CH_3Li Lithium, methyl, 129ᵍ
CH_3NO (See also *Urea*)
Formaldehyde, oxime, 4128ᵍ
CH_3NO_3 See also *Methane, nitro-*)
Methyl nitrate, 5355ᵍ, 8013ᵍ
CH_3NO_3 Methyl nitrate, 5355ᵍ, 8013ᵍ, 8091ᵍ
CH_3N S Isocyanide, thio-, P 7046ᵍ
CH_4N_2O Urea, nitro-, 2113ᵍ
CH_4N_2O See *Sodium methoxide*
CH_4 See *Methane*
CH_4BN NaO_3, 6006ᵍ
CH_4N_2O (See also *Urea*)
Ammonium cyanate, 3667ᵍ, 8092ᵍ
CH_4N O S Methanesulfinic acid, amino-imino-, betaine, 1726ᵍ
CH_4NO_3S Methanesulfonic acid, amino-imino-, P 4603ᵍ
CH_4N S See *Ammonium thiocyanate*, *Urea thio-*
CH_4N_4O Guanidine, nitroso-, P 3400ᵍ
$CH_4N_4O_2$ Guanidine, nitro-, P 3400ᵍ
CH_4O See *Methanol*
CH_4O_2 Methyl hydrogen peroxide, 6195ᵍ
CH_4O_3S Methanesulfonic acid, 8093ᵍ
CH_4O_3S Methanesulfonic acid, hydroxy-, *Na salt*, 5065ᵍ
CH_4O_4S Methanesulfonic acid, 4197ᵍ
CH_5AsS Methanethiol, 2103ᵍ, 2106ᵍ, 3243ᵍ, 6617ᵍ
CH_6Te Methanetellurol, 163ᵍ
CH_5N See *Methylamine*
CH_5NO Hydroxylamine, N methyl, 2111ᵍ
Methoxyamine, 5804ᵍ, 6717ᵍ
CH_5NO See *Ammonium formate*
CH_5NO_3 See *Ammonium carbonate*
CH_5N_3 See *Guanidine*
CH_5N_3O See *Nitrocarbamide*
$CH_5N_3O_3S_2$ See *Guanidosulfonic*
CH_6N_2 Hydrazine, methyl, 3770ᵍ, 5375ᵍ
$CH_6N_2O_2S$ Methionamide, P 6933ᵍ
CH_6N_4 See *Guanidine, amino-*
CH_6N_4O See *Ammonium carbonate*
CH_7NSi Silicyl imide, N silyl, 1266ᵍ, 6234ᵍ
$CH_7ClCoN_6O_2$ 6437ᵍ
$CH_7CoN_6O_2I$ 2404ᵍ
CH_7FeMg_2O See *Brugnatellite*
$CH_7CrN_3S_3n + H_2O$, 7687ᵍ
$CH_7N_3NiO_6 + 4H_2O$, 2030ᵍ
$CH_8GeSe_2N_2O_3S + 4H$ O, 9381
CIN See *Cyanogen iod ide*
CI_4 Carbon tetraiodide, 1597ᵍ, 5743ᵍ.
CKN See *Potassium cyanide*
$CKNO$ Sc. 1616ᵍ.
$CKNO_3S_2$, 1616ᵍ
$CKNS$ See *Potassium thiocyanate*
CKN_3O_4 Potassium, K derv, 8115ᵍ.
$CKNaO_3$ Potassium sodium carbonate, 6606ᵍ
CK_2O_3 See *Potassium carbonate*
$CLiNaO_3$ Lithium sodium carbonate, 6596ᵍ.
CLi O$_3$ See *Lithium carbonate*
$CMgO_3$ See *Gaberite* *Magnesite* *Magnesium carbonate*
$CMgO_6Zn$ Magnesium zinc carbonate, P 6651ᵍ.
$CMnN_2$ Manganese cyanamide, 8134ᵍ
$CMnO_3$ See *Manganese carbonate* *Rhodochrosite*
CN See *Cyanogen (free radical)*
$CNNa$ See *Sodium cyanide*
$CNNaO$ Sodium isocyanate, 3229ᵍ
$CNNaS$ See *Sodium thiocyanate*
$CNTl$ Thallium cyanide, 4596ᵍ
CN_2Ni Nickel cyanamide, 8134ᵍ
CN_3O_6 Methane, tetranitro-, 3756ᵍ, 4866ᵍ, 6045ᵍ, 8115ᵍ
CNa O$_3$ See *Sodium carbonate*
CNa_2O_3S (See also *Barbitic*)
Sodium carbonate sulfate, 6129ᵍ
$CNiO_2$ See *Nickel carbonate*
CO See *Carbon monoxide*
COS See *Carbonyl sulfide*
CO See *Carbon dioxide*
CO_3Pb See *Cerussite*
CO_3Sr Samarium carbonate, 8061ᵍ
CO_3Sr See *Strontianite* *Strontium carbonate.*
CO_3Tl_2 See *Thallium carbonate*
CO_3Zn See *Smithsonite, Zinc carbonate*
CP, 4518ᵍ
CS Carbon sulfide, 3692ᵍ
CSi See *Carborundum*
CSi See *Carborundum* *Silicon carbide.*
CTa See *Tantalum carbide*
CTe See *Tellurium carbide*
CW See *Tungsten carbide*
CW_2 See *Tungsten carbide*
$CAgKN_2$ Silver potassium cyanamidocyanate, 5291ᵍ.
$CAgN$ See *Sil er acetylide*
CAg_2NO_3, 1939
$CAlKO_3$ Aluminum potassium carbonate, 7686
$CBaN$ S See *Barium thiocyanate*
CBa_2O_4 See *Barium oxalate*
$CBaO_3S$ Barium strontium carbonate, 8469ᵍ
$CBrClO$ Acetyl bromide, trichloro-, 2482ᵍ.
$CBrD_2$ Ethane-d$_2$, bromo-, 2035ᵍ
C Br$_2$D$_3$ Ethane-d$_3$, dibromo-, 3ᵍ, 2035ᵍ, 6155ᵍ, 8115ᵍ.
$CBrEMg$ Ethynylenedimagnesium bromide, 3329ᵍ
CCa See *Calcium carbide*
$CCaN_2$ See *Calcium cyanide*
$CCaNaO_3$ See *Gaylussite*
$CCaO_4$ See *Calcium oxalate*
$CCaO_6P_2$ Calcium carbonate phosphate, 20Aq ?
C ClKN$_2$O$_2$S See *Hanksite*
C_2ClD_2 Ethylene - 1,2 - d$_2$, 1,2 - dichloro-, 8065ᵍ
C Cl K$_2$O$_4$ Acetate, 7690ᵍ
C_2Cl O$_2$ Oxalyl chloride, 5554ᵍ
C Cl$_2$F$_3$ Ethane, trichlorotrifluoro-, 5706ᵍ, 5733ᵍ, 7164ᵍ
C Cl$_3$ See *Ethylene, tetrachloro*
C Cl$_3$O Acetyl chloride, trichloro-, 3393ᵍ
C Cl$_6$ See *Ethane, hexachloro-*
C_2Cl_6 Ethane, hexachloro-, 7472ᵍ, 9487ᵍ
C_2CoN_6 Cobalt cyanide, 8134ᵍ
$C_2CoN_6K_3$ Cobalt potassium cyanide
C_2D_2 Acetylene-d$_2$ 4143ᵍ, 8065ᵍ
C_2D O Glyoxal-d, 6582ᵍ
C_2D O$_2$ Oxalic acid-d$_2$, 3241ᵍ, 4469ᵍ
C_2D_4 Ethylene-d$_4$, 5715ᵍ, 5741ᵍ, 8065ᵍ, 8495ᵍ, 9134ᵍ
$C_2D_4O_2$ Acetic acid-d, 6718ᵍ
C D$_3$I Ethane-d$_3$, 3ᵍ, 5737ᵍ, 5799ᵍ, 8065ᵍ
C D$_3$NO Ethyl-d$_3$ alcohol-1, 8ᵍ, 9ᵍ, 944ᵍ
C_2FeN_6 Iron cyanide, 8134ᵍ
C HBr Acetylene, bromo-, 5311ᵍ, 2382ᵍ
C HBrClF$_2$O$_2$ Acetic acid, bromochlorofluoro-, 2379
C_2HBrD_2 Ethane-1,1,2,2-d$_4$, 1 bromo-, 2035
C_2HBrMg Ethynylmagnesium bromide, 3329ᵍ
C_2HBrO Acetic acid, dibromochloro-, 2379
C HBr$_2$O Bromal, 444ᵍ
$C_2HBr_3O_2$ Acetic acid, tribromo-, 1199ᵍ, 1216ᵍ

C_2HCl Acetylene, chloro-, 531ᵗ, 2382ᵍ
C_2HCl_3 Acetonitrile, dichloro-, 7195ᵇ.
C_2HCl_3 See *Ethylene, trichloro-*
C_2HCl_3O See *Chloral*
$C_2HCl_3O_2$ See *Acetic acid, trichloro-*
C_2HCl_5 See *Ethane, pentachloro-*
C_2HD_3 Ethylene d_3, 5715ᵍ, 9139ᵍ
$C_2HD_3O_2$ Acetic-d_3 acid, 6718ᵍ
$C_2HF_3O_2$ Acetic acid, trifluoro-, *salts*, 8172ᵍ
C_2HNa Sodium, ethynyl-, 1264ᵍ, 7728ᵍ
C_2HNaO_2 See *Acetylene*
$C_2H_2AsCl_3$ See *Lewisite*
$C_2H_2BeO_4$ Beryllium formate, 935ᵍ
$C_2H_2BrCl_3$ Ethane, 1-bromo-1-chloro-, 7443ᵍ, 9139ᵍ
$C_2H_2BrClO_2Pb$, 4151ᵍ
$C_2H_2Br_2$ Ethylene, *dibromo-*
$C_2H_2Br_2Cl_2$ Ethane, 1,2-dibromo-1,2-dichloro-, 4131ᵍ
$C_2H_2Br_2D_2$ Ethane 1,2-d_2, 1,2-dibromo-, 2035ᵍ
$C_2H_2Br_2O$ Acetyl bromide, bromo-, 3693ᵗ
$C_2H_2Br_2O_2$ Acetic acid, dibromo-, 1216ᵗ
$C_2H_2CaO_4$ Calcium formate, 935ᵍ
$C_2H_2CaO_4$ See *Calcium carbonate*
$C_2H_2Cl_2$ See *Ethylene, dichloro-*
$C_2H_2Cl_2O$ Acetyl chloride, chloro-, 3093ᵗ
$C_2H_2Cl_2O_2$ See *Acetic acid, dichloro-*
$C_2H_2Cl_2Pb$, 4151ᵍ
$C_2H_2Cl_2S$ Acetyl chloride, (chlorosulfonyl)-, 4200ᵗ, 6240ᵗ.ᵃ
$C_2H_2Cl_2$ See *Ethane, tetrachloro-*
$C_2H_2CoO_4$ Cobalt formate, 2835ᵍ
$C_2H_2Cu_2O_4$ See *Azurite*
$C_2H_2D_2$ 1 ethylene d_2, 2407ᵗ, 3243ᵍ, 5715ᵍ, 9139ᵍ
$C_2H_2I_2$ Ethylene, *s*-diodo-, 2382ᵍ
$C_2H_2O_2$ Acetic acid, diodo-, 1216ᵍ
$C_2H_2MgO_4$ Magnesium formate, 935ᵍ
$C_2H_2MgO_4$ See *Magnesium carbonate*
$C_2H_2N_6S_3$ Thiadiazole - 2,5 - dithiol, 5899ᵍ
C_2HNiO_2 Nickel formate, 890ᵍ, 2835ᵍ
C_2HO See *Ketene*
C_2HO_3 See *Glyoxylic acid*
C_2HO_4Sr See *Oxalate*
$C_2H_2O_6Sr$ Strontium formate, 930ᵍ
$C_2H_3AgO_2$ See *Silver acetate*
C_2H_3Br Ethylene, *bromo-*
C_2H_3BrO See *Acetyl bromide*
$C_2H_3BrO_2$ See *Acetic acid, bromo-*
$C_2H_3BrCl_2$ Ethane, 1,2 - dibromo - 1-chloro-, 9139ᵍ
$C_2H_3Br_2D$ Ethane - 1 - d, 1,2 - dibromo-, 2035ᵗ
C_2H_3BrO See *Acetin*
$C_2H_3BrO_2$ Bromal, hydrate, 4321ᵍ
$C_2H_3BrO_2$ Calcium acetate chloride, 93.6ᵍ
C_2H_3Cl See *Ethylene, chloro-*
C_2H_3ClO See *Acetyl chloride*
$C_2H_3ClO_2S$ Acetic acid, chlorothiono-, Me ester, 9285ᵍ
$C_2H_3ClO_3$ (see also *Acetic acid, chloro-*)
Isopropyl, chloro-, Me ester, 1711ᵍ
$C_2H_3ClO_3Sr$ Strontium acetate chloride, 93.5ᵍ
$C_2H_3ClO_2Zn$, 8098ᵗ
$C_2H_3ClO_3S$ Acetic acid, (chlorosulfonyl)-, 6240ᵗ.ᵃ
Methanesulfonic acid, (chloroformyl)-, 4200ᵗ
$C_2H_3Cl_3$ See *Ethane, trichloro-*
$C_2H_3ClN_2$ Acetamidine, α trichloro-, P 6343ᵗ
$C_2H_3Cl_3O$ Ethanol, trichloro-, 4321ᵍ, 8789ᵍ
$C_2H_3Cl_3O_2$ See *Chloral*
$C_2H_3Cl_3O_2Zn$, 8098ᵗ
$C_2H_3Cl_3O_3S$ Acetic acid, (chlorosulfonyl)-, 6240ᵗ.ᵃ
Methanesulfonic acid, (chloroformyl)-, 4200ᵗ
$C_2H_3CoO_2$ See *Ethane, trichloro-*
$C_2H_3CuN_3$ Acetamidine, α trichloro-, P 6343ᵗ
$C_2H_3Cl_3O$ Ethanol, trichloro-, 4321ᵍ, 8789ᵍ
$C_2H_3Cl_3O_2$ See *Chloral*
$C_2H_3Cl_3O_2Zn$, 8098ᵗ
$C_2H_3Cl_3O_3S$ Acetic acid, (chlorosulfonyl)-, 6240ᵗ.ᵃ
Methanesulfonic acid, (chloroformyl)-, 4200ᵗ
$C_2H_3Cl_3$ See *Ethane, trichloro-*
$C_2H_3ClN_2$ Acetamidine, α trichloro-, P 6343ᵗ
C_2H_3ClO Ethanol, trichloro-, 4321ᵍ, 8789ᵍ
$C_2H_3ClO_2$ See *Chloral*
$C_2H_3ClO_2Zn$, 8098ᵗ
$C_2H_3ClO

$C_3Br_2Cl_2F_4$ Propane, 1,2-dibromo-1,1-dichloro-2,3,3,3 tetrafluoro-, 8564
C_3CaN_2O See Skwarr
C_3CaN_2O 4H2O See *Dicheie*.
C_3Cb_2 Columbium carbide, 5231
$C_3Ce_2O_3$ Cerium carbonate 3H2O, 4993
$C_3Cl_2F_4$ Propane, 1,1-dichloro-2,3,3 3-tetrafluoro-, 8564
$C_3Cl_2F_4$ Propane, tetrachloro-tetrafluoro-, 8565
$C_3Cl_2F_4$ Propane, pentachlorodifluoro-, 1231, 8573
$C_3Cl_2F_4$ Propane, hexachlorodifluoro-, 1229, 1231, 8567
C_3Cl_2O 2-Propanone, hexachloro-, P 5665
C_3Cl_2F Propane, 1,1,1,2,2,3,3 - heptachloro-3-fluoro-, 1229
C_3CoNO_4 32661
$C_3FeMg_2O_3$ See *Mertia e*
$C_3FeN_3S_3$ See *Iron thiocyanate*
C_3HBr_3O 2 Propanone, pentabromo-, 1660
C_3HCdN_2OS 4,5 - Thiazoledione, 2,3 - dihydro-2 imino-, 5-oxime, Cd deriv , 7259
$C_3HCl_3F_4$ Propane, 1,2,3 - trichloro - 1,1,3,3-tetrafluoro- 8563
$C_3HCl_3F_4$ Propane, tetrachlorotrifluoro-, 1231, 8563
$C_3HCl_5F_2$ Propane, pentachlorodifluoro-, 1231
C_3HCl_5O 2 Propanone, pentachloro-, P 5665
C_3HCl_6F Propane, hexachlorofluoro-, 1231
C_3HCl Propane, heptachloro-, 122 1256, 1267
$C_3HCoN_2O_3S$ + 4H2O 4,5 - Thiazoledione 2,3 - dihydro 2 imino-, 5 - oxime Co deriv , 7259
$C_3HCuN_2O_3S$ + 2H2O 4,5 - Thiazoledione 2,3 - dihydro - 2 imino- 5 - oxime Cu deriv , 7259
C_3HIN Imidazole, 2,4,5-triiodo- 4668
$C_3HN_2O_3S$ + 2H2O 4,5 - Thiazoledione 2 3 - dihydro - 2 imino-, 5 oxime, Ni deriv , 7259
$C_3HN_2O_3SPb$ + H2O 4,5 - Thiazoledione, 2,3 dihydro 2 imino-, 5 - oxime Pb deriv , 7259
$C_3H_4AgN_2O_3S$ + H2O 4,5 Thiazoledione, 2,3 - dihydro - 2 imino-, 5 - oxime, Ag complex, 7259
C_3HI_2N Imidazole, 2,4 diiodo-, 4668
C_3HN Malononitrile, 8069, 9112
C_3HO Propiolic acid, 4811, P 6577
C_3HAlO_3 Aluminum formate, 1954
$C_3HBaN_2O_3S$ + 2H2O 4,5 Thiazoledione, 2,3 dihydro 2 - imino-, 5 - oxime, Ba complex, 7259
C_3HBrO_2 Malonic acid, bromo-, 3334
$C_3H_2BrN_3O$ Urea, tribromoacetyl, 6249
$C_3H_2CaN_2O_3S$ + 6H2O 4,5 Thiazoledione, 2,3 - dihydro 2 - imino-, 5 - oxime, Ca complex, 7259
$C_3H_2Cl_2F_2$ Urea, trichlorofluoroacetyl, 6249
$C_3H_2ClO_2$ Acetic acid, trichloro-, Me ester, 6693
$C_3H_2IN_3$ Imidazole, 2 iodo-, 4668
C_3H_2IN O Urea, triiodoacetyl-, 6249
C_3H_2N Acrylonitrile, P 2231, 5054
C_3H_2NOS Rhodanine, 2 1631, 6841
$C_3H_2NO_2$ Acetic acid, cyano-, 5095
$C_3H_2NO_2S$ 2,4(3,5)-Thiazoledione, 1631, 8193
$C_3H_2NO_3$ 2,4-Oxazolidinedione, 6580
C_3H_2NS See *Thiazole*
$C_3H_2N_2O_2$ Cyanuric acid, 4962
C_3H_3 See *Allene, Propyne*
C_3H_3Br Propene, 1,3-dibromo-, 913
$C_3H_3BrN_2O_2$ Urea, dibromoacetyl-, 6249
C_3H_3Br On Propionic acid, α,β-dibromo-, 1210
$C_3H_3ClN_2$ 2 Triazine, 2,4-diamino-6-chloro-, P 4360
$C_3H_3Cl_3$ Chloropropane, dichloro-, 2311
Propene, dichloro-, P 6481, 9139
C_3H_3ClN O Urea, dichloroacetyl-, 6249
C_3H_3ClO Propionic acid, α,β-dichloro-, 2744
C_3H_3IN O Urea, di iodoacetyl-, 6249
C_3H_3N Imidazole 4,5-diol, 4668
C_3H_3NO Acetamide, α-cyano-, 6314
C_3H_3NOS Hydantoin, 2 thio-, 1631, 7275
Pseudothiohydantoin, 1631
C_3H_3N O Hydantoin, 2,4(5), 7709, 8321
C_3H_3N O Mesoxalaldehyde, dioxime, 9651
$C_3H_3NO_2$ Mesoxalic acid, hydrazone, di Na salt, 1446
$C_3H_3N_2S$ Hydantoin, 2 4-dithio-, P 2582
$C_3H_3N_2O_2$ 2 Imidazolone, dimino-, P 4270, P 5462
C_3H_4O See *Acrolein*
C_3H_4O See *Acrylic acid, Pyruvaldehyde*
$C_3H_4O_2$ See also *Propionic acid, Pyruvaldehyde, hydroxy-*, 2173, 8350, Reductone, 377, 8570
$C_3H_4O_2$ See *Malonic acid*
$C_3H_4O_3$ Tartron c acid, 4193
$C_3H_5I_3$ 1,3 Dithiolan-2 thione, P 7315
C_3H_5Br See *Propene, bromo-*
C_3H_5BrSi Allylsilicon bromide, 6794
$C_3H_5BrN_2O$ Urea, bromoacetyl-, 6249
C_3H_5BrO 2 Propanone, 1 bromo-, 2243, 5093
$C_3H_5BrO_2$ Propionic acid, bromo-, 1216, 9135, 7659, 8529, mixed salts, 2243
$C_3H_5CaO_2$ Acetoxymethyl calcium phosphate, 7737
C_3H_5Cl (See also *Propene, chloro-*) Cyclopropane, chloro-, 2311
$C_3H_5ClN_2O$ Urea, chloroacetyl- 6249
C_3H_5ClN O,S Urea, (chlorosulfonylacetyl) , 1230
C_3H_5ClO Dichlorohydrin, 2109, P 3395
2 Propanone, chloro-, 2243, 6261
Propionaldehyde, β-chloro-, 8172
Propionyl chloro-, 2, 3 33, 2254, 6259
$C_3H_5ClO_2$ Propionic acid, chloro-, 1216, mixed salts, 2243
C_3H_5ClOPS Phosphine sulfide, (allyloxy)-dichloro-, 4182
$C_3H_5Cl_3$ Propane, 1 trichloro-, P 6572
C_3H_6O Acetone-d, 6736
C_3H_6O Propionaldehyde-d, 6715
C_3H_6I Propene, 3 iodo-, 6719
C_3H_6IN O Urea iodoacetyl-, 6249
C_3H_6IO Propanol, 1 iodo-, 1216, 3334
mixed salts, 2453
C_3H_6N Propionitrile, 7193, 8369, 8395
C_3H_6NO Hydroxyacetonitrile, 6139, 8395
Lactonitrile 8092
$C_3H_6NO_2$ Propene, 1 nitro-, 1299
Pyruvaldehyde monoxime, 7734
$C_3H_6NO_3$ Glycolic acid, N methyl-, 6577
C_3H_6NO Glycolol, nitrate P 7315
C_3H_6NS Isothiocyanic acid, Et ester, 8575
Thiocyanic acid, Et ester, 8572
C_3H_6NS Thazo methol, 6432
$C_3H_6NO_2$ See *Nitroglycerin*
C_3H_6O Acetone, 5359
C_3H_6 See *Cyclopropane, Propene*
$C_3H_6BrNO_2$ Nitrous acid, 3-bromopropyl ester, 7417
2 Propanol, 1 bromo-, 7417
C_3H_7Br Propane, 1,3-dibromo-, 4563
C_3H_7BrO 2 Propanol, 1,3-dibromo-, 3330
$C_3H_7Cl_3$ See *Propane, dichloro-*
C_3H_7ClO Ether, 2-chloroethyl chloromethyl, 6139
2 Propanol, 1,3-dichloro-, 1595, P 2914
C_3H_7I Propane, 1,1-dijodo-, 4159
C_3H_7NO Malonamide, 6241
$C_3H_7NO_2$ Pyruvohydroxamic acid, oxime, 1435
$C_3H_7NO_3S$ Methanesulfone acid, allophanyl , 4200
Mesoxalic acid, dihydrazide, 6244
C_3H_7NS See *Melamine*
$C_3H_7NO_2$ See *Serozyn*
C_3H_8O See *Acetone, Allyl alcoh.l, Propionaldehyde, Propylene oxide*
$C_3H_8O_2S$ Thiodiol, 2105
C_3H_8OS See also *Propionic acid*)
See *Propanol, 2 thio-*
3009, 4930, 7659, 8072
1,3-Dioxolane, 130
Formic acid, Et ester, 2453, 6249, 8370, 9045
Hydracrylaldehyde, 7756
2-Propanone, hydroxy-, 1672, P 2914, 6232
$C_3H_8O_3S$ Propanone acid, mercapto-, 4564, 8041, 6564, 8370, 9045, 2453
$C_3H_8O_3$ (See also *Glycerolalkyls, Lactic acid Paraformaldehyde 2-Propanol, 1,3-dihydroxy-, Trioxymethylene*)
Carbonic acid, di Me ester, 4095, Glycol, formate, 3760
Glycolic acid, Me ester, 8173
Hydracrylic acid, 4197
$C_3H_8O_4$ See *Glyceric acid*
$C_3H_8O_4Se$ Propionic acid, β-selenino-, 4319
C_3H_8S Ketone acid, thino-, mono-Et ester, Na salt, P 5091
Methyl thiocarbonate, 9285
3 Trithiane, 4193
C_3H_8 See *Propane, bromo-*
C_3H_8BrMg Isopropylmagnesium bromide, 1229, 4329, 5649
Propylmagnesium bromide, 1229, 4329
C_3H_8BrO 1-Propanol, 3 bromo-, 1595
C_3H_8IS Sulfide, 2 bromoethyl methyl, 2105
C_3H_8Cl See *Propane, chloro-*
C_3H_8ClO 1 Propanol, chloro-, 1595
$C_3H_8ClO_3P$ 2-Propanol, 1 - chloro - 3 - mercapto-, 2105
$C_3H_8ClO_3S$ Propyl chlorosulfonate, 129
$C_3H_8ClO_4S$ 1 - Propanesulfonic acid, 3-chloro - 2 - hydroxy-, and Na salt, 2105
C_3H_8I See *Propane, iodo-*
C_3H_8IN Allylamine, 3 3H, 4299
Acetidine, P 10 21, 4197, 4563
Azindine, 2 methyl-, P 3233, 6249
Methylamine, methylene-, 8193
C_3H_8NO Acetamide, N-methyl-, 8117, 9443
Acetone, oxime, 15, 4829, 4993, 8117
Propionamide, 4830, 8369, P 8829, 8117
$C_3H_8NO_2$ (See also *Alanine, Carbamic acid, ester Sarcosine,*)
Lactamide, 1663, 6693, 7659
Propane, 2 nitro-, 3243, 4959, 8117
Propionohydroxamic acid, 2103, P 9124
$C_3H_8NO_3S$ (See also *Cysteine.*)
Isocysteine, 9445
$C_3H_8NO_4P$ Isocysteine, 9285
Serine, 1931, 2932, 6424
$C_3H_8NO_5S$ Alanine, β-sulfeno-, 9285
$C_3H_8NO_6S$ Alanine, α-sulfino-, 2196
$C_3H_8NO_7S$ Cysteine acid, 2196
$C_3H_8NO_8S$ Cysteines ulfonic acid, 8711
C_3H_8NS Ethylamine, N-methylthio-, P 7349
C_3H_8O Glycocyamine, 2872, 5429
$C_3H_8O_2$ Acetic acid, (guanidinoxy)-, 5541
$C_3H_8O_3P$ Ethanol, dimethoxyl phosphate, 7728
Glycerolaldehyde, phosphate, 995, 5543
C_3H_8OP See "phosphate" under *Glyceric acid*
C_3H_8 See *Propane.*
$C_3H_9ClNO_3S$ 1 - Propanesulfonamide, 3-chloro-, 5529
C_3H_9NO Ethylamine, N - methyl - N-nitroso-, 133
Urea, 1,3-dimethyl-, 8117, 9285
— ethyl-, 9285
$C_3H_9NO_3S$ Urea, 1,3 - bis(hydroxymethyl-2 thio-, 6249
$C_3H_9N_3O$ Urea, bis(hydroxymethyl), P 1729, P 10 23, 5541
$C_3H_9N_3O_3$ Malonic acid, dihydrazide, 7295, 7737
Urea, methylene-bis-, 2877
C_3H_9O See *Isopropyl alcohol Propyl alcohol.*
$C_3H_9O_2$ (See also *Propanediol*)
Ethanol, 2 methoxy-, 9714, 3222
Methylal, 234, 1304, 9355
Propyl hydrogen peroxide, 2023
$C_3H_9O_3$ See 1 Propanesulfonic acid, 4319
$C_3H_9O_3$ See *Glycerol.*
$C_3H_9O_3S$ 1-Propanesulfonic acid, Na salt, 2023
$C_3H_9O_4P$ See "phosphate" under *Glyceric acid*
C_3H_9S 1-Propanethiol, 1595
C_3H_9N 1-Propanethiol-2, 2053
$C_3H_{10}As$ Arsine, trimethyl-, 8169, *compd. with Et Br*, 4433
$C_3H_{10}O$ Arsine oxide, trimethyl-, 8169
$C_3H_{10}O_3$ Methyl arsenate, 4311
$C_3H_{10}BO_3$ Methyl borate, 1595, 6719
$C_3H_{10}Bi$ Bismuthine, trimethyl-, 6727
$C_3H_{10}ClPt$ Platinum, chlorotrimethyl, 1267
$C_3H_{10}IPt$ Platinum, iodotrimethyl , 1267
$C_3H_{10}N$ See *Isopropylamine, Propylamine Trimethylamine*
Ethylamine, N-methyl-, *HCl*, 1333
$C_3H_{10}O$ Ethanol, 2 methylamino-, 7307
1 Propanol, 3 amino-, 2549, 4563, P 4829, 5443, 5449, 5533, 8827
$C_3H_{10}OP$ Methyl phosphite, 4311
$C_3H_{10}O_3P$ Methyl thiophosphate, 9285
$C_3H_{10}P$ Isopropyl phosphate, 8043
Methyl phosphate, 8043
Propylphosphine, 1267
$C_3H_{10}P$ See *Glycerophosphoric acid*
$C_3H_{10}P$ Lead, trimethyl-, 9027
$C_3H_{10}Sb$ Stibine, trimethyl-, 2105, 6715, 7334
$C_3H_{11}NO_2P$ Ethanol, 2 - methylamino-, phosphate, 1267
$C_3H_{11}N_3$ Propanediamine, 1253, 3694, 6243, 8069, *and HCl salts*, 3761, *compd with Ni(NO3)2*, 4483
$C_3H_{11}N$ O 2 Propanol, 1,3-diamino-, P 3459, 6243
$C_3H_{12}NiSi$ Trimethylsilylcyanmonium chloride, 1266, 6233
$C_3H_{12}Pb_2O_3$ 4167
$C_3H_{12}UN_4NiO_{12}$ 21544

$C_4H_8CoIN_2O_8$, 3286‡
$C_4K_4O_{12}U$ Potassium uranyl carbonate, 4523‡.
C_4Mg_3 Magnesium carbonate, 7687‡ ◦.
C_4N_2O Carbonyl cyanide, 9654, *P* 2152‡
C_4O_3 Carbon suboxide, 2483‡
C_4V_4 Vanadium carbide, 9334‡
$C_4BaCoN_6S_4$ Barium cobaltothiocyanate, 4524‡
$C_4BaN_4H_4 + 4H_2O$ Barium cyanomicklate (II), 6077‡
$C_4BaN_4H_4 + 4H_2O$ Barium cyanoplatinate, 6077‡
$C_4BaN_4Pt + 4H_2O$ Barium cyanoplatinate, 6077‡
C_4BrH_3 Methanetricarbonitrile, bromo-, 214‡
C_4Br_4S Thiophene, tetrabromo-, 682‡, 1316‡
$C_4Cl_2O_2$ Quinone, tetrachloro-, 9078‡
C_4Cl_4 Carbon chloride, 6546‡
$C_4Cl_4F_2$ Butane, 1,1,1,2,2,4,4,4 - octa chloro 3,3 difluoro-, 4189‡, 7629‡
$C_4CoN_6NaS_4$ Sodium cobaltothiocyanate, 4096‡
C_4CoO_8 See *Cobalt carbonyl*
$C_4CuK_3O_{12}$ Potassium cyanocuprate (I), 5291‡, 7208‡
$C_4Cu_2F_4O_2$ Acetic acid, trifluoro-, Cu com plex, 8172‡
$C_4D_{10}O$ *1 thyl-do ether*, 8660‡.
$C_4FeN_6S_4$ 9179‡
C_4HBr_3OS Thiophene, tribromonitro , 1316‡
C_4HBr_3S Thiophene, 2,3,5 - tribromo , 1316‡
C_4HBr_4N Pyrrole, *tetrabromo-*, 9320‡
C_4HCoO_4, 3283‡, 5719‡
C_4H_2See Butadiyne, 1,3
$C_4H_2BrClHgO$ Furan, 2 - bromo(chloro-mercuri)-, 5844‡, 8802‡
$C_4H_2BrClNO_2S$ Thiophene, 2 - bromo - 5 nitro-, 1316‡
$C_4H_2BrN_3O_5$ Dibromin, 7749‡
$C_4H_2Br_2O$ Furan, 2,5 dibromo-, 5845‡
$C_4H_2Br_2O_2$ 2,3 - Butanedione, tetrabromo , 1766‡
$C_4H_2ClHgNO_3$ Furan, 2 - (chloromercuri)- 5 nitro-, 8802‡
$C_4H_2D_2O$ Fumaric *d*$_2$ acid, 6800‡
$C_4H_2FeO_4$ 7
$C_4H_2KO_7Sb + H_2O$ See *Tartar emetic*
$C_4H_2MgO_{14}$, 6003‡
$C_4H_2NiN_2$ See *Alloxan*
$C_4H_2N_8S_4$ 1,3,4 - Thiadiazole 2 - thiol, 5,5'-(thiobis-, 8709‡
$C_4H_2O_3$ See *Maleic anhydride*
C_4H_2BrO Furan, 2 bromo-, 5844‡.
$C_4H_2Br_2O$ 3 Furanol, 2 bromo-, 6302‡
C_4H_2BrNS Thiazole, 2,5-dibromo 4 meth yl , 7783‡.
C_4H_2ClHgO Furan, (chloromercuri) , 8802‡
$C_4H_2ClHgSe$ Selenophene, 2 (chloromer-curi)-, 6303‡
C_4H_2HgO Furan, (hydroxymercuri)-, nitrate, 8802‡.
$C_4H_2IMgO_2$ Ketene, 1 - hydroxyethylidene-, Mg deriv , 2188‡
$C_4H_2IN_3O_2$ 4 Imidazolecarboxylic acid, 2-iodo-, 4668‡.
$C_4H_2KO_5$ See *Potassium oxalate*.
$C_4H_2NO_5S$ 5 Thiazolecarboxylic acid, 2-thiophene, nitro-, 1316‡
$C_4H_2NO_6$ Fumaric, nitro-, 6823‡
$C_4H_2NO_7$ Fumaric, nitro-, 6833‡
$C_4H_2N_2O_3$ Succinic anhydride, triazo , 3334‡
C_4H_2O (See also *1-Buten 3 yne*.)
Cyclobutadione, 9063‡
$C_4H_2AsCl_3$ Arsine, chlorobis(2 - chlorovinyl)-, 1723‡
$C_4H_2BrClO_2$ *Acetic acid, trichloro-, 2-* bromoethyl ester, 6692‡.
$C_4H_2BrNO_2S$ 2,4 Thiazolol, 5 bromo-4 meth yl , 7783‡.
$C_4H_2BrO_4$ Succinic acid, *α,β* dibromo-, 6791‡, *uranyl salt*, 2482‡
$C_4H_2Br_2O$ 2 Butanone, tetrabromo-, 1660‡.
$C_4H_2ClHgNO_3$, 1192‡
$C_4H_2ClO_3$ Succinyl chloride, 155‡.
$C_4H_2ClO_4$ Succinic acid, *α,β*-dichloro-, 6855‡
$C_4H_2Cl_2O_4Pb$, 035‡.
$C_4H_2Cl_3O_2$ Acetic acid, trichloro-, 2-chloro-ethyl ester, 6692‡.
$C_4H_2Cl_4$ Butane, 1,1,2,3,4,4 - hexachloro-, 6702‡
$C_4H_2D_2O_4$ Succinic acid di, 4486‡.
$C_4H_2D_2O_5$ Tartaric-*α,β d*$_2$ acid, *and Pb salt*, 8809‡
$C_4H_2I_2N_2$ Imidazole, 2,5-diiodo-4 methyl , 4665‡.
$C_4H_2O_2$ Crotonic acid, *α,β*-diodo-, 1311‡
$C_4H_2KNaO_7Sb$ See *Potassium sodium tartrate*
$C_4H_2KO_7Sb$ See *Tartar emetic*.
$C_4H_2N_2$ (See also *Butadiyne*.)
Pyrazine, 8065‡
Succinonitrile, 3778‡, 7651‡, 8066‡, 9112‡.
$C_4H_2N_2O_2$ Uracil, 4321‡
$C_4H_2N_2O_3S$ Barbiturine acid, 2-thio-, 1726‡
$C_4H_2N_2O_3Se$ See *Barbituric acid*
$C_4H_2N_2O_4S$ 2-Thiazolol, 4 methyl 5-nitro-, 3791‡
$C_4H_2N_2O_5$ See *Dialuric acid*
$C_4H_2N_2O_6$ Tartaric acid, *dinitrate*, 4109‡
$C_4H_2N_8Se$ Glycol, dithiocyanate, 3328‡
$C_4H_2O_2S_2Tl$, 1192‡
$C_4H_3N_3$ Aspartonitrile, *β* amino-, 138‡
Hydroxyacne acid, tetramer, 138‡
Maleonnitrile, diamino-, 138‡
$C_4H_3N_3O_3S$ Thiazole, 4 - methyl - 2 - ni *tramino 5 nitro-*, 3791‡
C_4H_3O See *Furan*
$C_4H_3O_2$ (See also 'dimer" under *Ketene*.)
1-Butene 1,3 dione, 2110‡
1,2 Cyclobutadienone, 8117‡
1,3 Cyclobutanedione, 8117‡, 9063‡
2 Cyclobuten 1 one, 3 hydroxy-, 8117‡
Furanol, 9063‡
Malealdehyde, 3189‡
Propiolic acid, Me ester, 481‡
Tetrolic acid, 1311, 5829‡, 8117‡
$C_4H_3O_3$ (See also *Succinic anhydride*.)
Ietrone acid, 4198‡
$C_4H_3O_4$ (See also *Fumaric acid*, *Maleic acid*.)
Tetronic acid, hydroxy-, 479‡
$C_4H_3O_5$ (See also *Oxaloacetic acid*.)
Fumaric acid, hydroxy-, 138‡.
Maleic acid hydroxy , 138‡
Succinic acid, *α,β* epoxy , 5438‡, 7339‡
$C_4H_3O_5$ *Maleic acid, dihydroxy-, 1351‡*
C_4H_3S See *Thiophene*
C_4H_3BrSe Selenophene, 2785‡, 9064‡
C_4H_3Br 1,2 Butadiene, 4 bromo , P 1345‡
$C_4H_3BrN_3S$ Thiazole, 2 - amino - 5 - bromo , 7783‡
$C_4H_3BrO_2$ Crotonic acid, bromo-, 5829‡
$C_4H_3BrO_3$ Succinic acid, bromo , 3334‡
C_4H_3Cl (See also *Chloroprene*.)
1,2 Butadiene, 4 chloro-, P 886‡, P 1343‡
C_4H_3ClO 3 Buten 2 one, chloro , P 1758‡
$C_4H_3ClO_2$ *Succinic acid, chloro , 6695‡*
$C_4H_3ClO_3$ Malic acid, chloro , 6695‡
$C_4H_3ClO_4$ 2 - Butanone, 1,1,4 - trichloro-, 6235‡
$C_4H_3Cl_3O$ Acetic acid, trichloroethyl ester, 6235‡
Acetic acid, trichloro , ethyl ester, 1188‡, 6692‡
$C_4H_3IN_2$ Imidazole, iodomethyl , 4668‡
$C_4H_3IO_2$ Crotonic acid, *β* iodo , 131‡
$C_4H_3IO_3$ Succinic acid, iodo-, 3334‡.
$C_4H_3KO_4$ See *Potassium tartrate*
C_4H_3N See *Methacrylonitrile Pyrrole*
C_4H_3NOS 2-Thiazolol, 4 methyl , 3791‡, 7783‡
2(3) Thiazolone, 4 methyl-, 1726‡
$C_4H_3NO_2$ (See also *Succinimide*.)
1 uranol, amino , 6833‡
$C_4H_3NO_3S$ Propionic acid, *α* thiocyano , 4669‡
$C_4H_3NO_5$ 2,4 Oxazolidinedione, 5 methyl , 6802‡
$C_4H_3NO_5S_2$ Thiazolesulfone acid, 4 methyl , 3791‡
$C_4H_3NO_5S_2$ 5-Thiazolesulfone acid, 2 hy *droxy-4 methyl-*, 3791‡
C_4H_3NS Isothiocyanic acid, allyl ester, 4131‡, 4310‡, 5593‡, 8142‡, 8675‡, 9091‡
Thiazole, 4 methyl-, 6034, P 2903‡, 3791‡
Thiophenone, 1821‡.
$C_4H_3NS_2$ 2-Thiazolethiol, 4 methyl , 3791‡, 7783‡
C_4H_3NO Cytosine, 7368‡
$C_4H_3N_3O_4S$ 5-Pyrazoledione, 3 - methyl , 4 oxime, 6805‡
$C_4H_3N_3O_5S$ Uramil, 4 thio , 1726‡
$C_4H_3N_3O_7$ Uramil, 1671‡.
$C_4H_3N_5O_3$ Succinic acid, triazo-, 3334‡
$C_4H_3O_3SSb$ Antimonothioglycolic acid, 3‡
C_4H_4 (See also *Butadiene, Butyne*.)
Cyclobutene, 9063‡.
$C_4H_4AsN_3O_2$ 2,4(1,3) - *s - Triazinedione*, dihydro 6 dimethyl-, Az deriv , 2252‡.
$C_4H_4Br_2$ 2 Butene, 1,4-dibromo-, 4060‡
$C_4H_4Br_2O_3$ Butyric acid, *α,γ*-dibromo-, 4204‡.
$C_4H_4CaO_5$ See *Calcium acetate*
C_4H_4ClNO Acetonitrile, (2 - chloroethoxy)-, 6243‡
$C_4H_4Cl_2$ Butene, dichloro-, 4190‡, 7822‡
Propene, 3,3-dichloro-2 methyl-, 4190‡
$C_4H_4Cl_2O_2$ Acetic acid, dichloro-, Et ester, 1188‡.
$C_4H_4Cl_4$ Butane, tetrachloro-, 4190‡, 7273‡
$C_4H_4CoO_4$ See *Cobalt acetate*.
$C_4H_4Cu_2O_5$ See *Copper acetate*
$C_4H_4D_2O_2$ Butyric *d*$_2$ acid, 7856‡, 8740‡.
$C_4H_4HgO_4$ See *Mercury acetate*.
$C_4H_4I_2$ Butyne acid, *β,β* diodo-, 131‡.
$C_4H_4MgO_4$ Magnesium acetate, 935‡.
$C_4H_4MnO_4$ See *Manganese acetate*
$C_4H_4N_2$ Imidazole, 4 methyl-, 4668‡.
$C_4H_4N_2O_3$ (See also *Pt peroxonedone*.)
Fumaramide, 9106‡.
Malemamide, 9106‡.
Hydantoin, 1-methyl-, 1316‡
$C_4H_4N_2O_3S$ 2 Thiazolesulfamic acid, 4-methyl , 3791‡.
5-Thiazolesulfone acid, 2 amino-4 meth- yl , 3791‡
$C_4H_4N_2S$ Thiazole, 2 amino-4 methyl , 3791‡, 5539‡, 7783‡
$C_4H_4N_2O_2$ See *Allantoin*.
$C_4H_4N_2O_3$ Erythenol, tetranitrate, 4037‡, 4423‡, 7201‡
C_4H_4O (See also *3 Buten 2-one, Crotonalde-hyde, Vinyl ether*.)
2,3 Butadien 1-ol, P 1345‡
Butynol, P 1345‡, 8570‡
Cyclobutanone, 8117‡, 9063‡
Cyclopropanecarboxaldehyde, 4204‡
Furan, dihydro , 2785‡
Methacrylaldehyde, *P* 5006‡
$C_4H_4O_2$ (See also *Biacetyl, Crotonic acid*.)
Acetic acid, vinyl ester, 2847‡, 4969‡, 6282‡, 8790‡, 7325‡, 8066‡
Acrylic acid, Me ester, 6078‡, 8174‡, 9142‡
Butyrolactone, 5267‡
Cyclopropanecarboxylic acid, 1662‡
Methacrylic acid, P 2536‡, P 5006‡, 8570‡, 9142‡, P 7325‡ *
$C_4H_4O_3S$ Thiophene, 2,3-dihydro-, 1-dioxide, 1209‡
$C_4H_4O_3$ (See also *Acetic anhydride, Aceto-acetic acid*.)
Butyric acid, α,γ-dihydroxy-, γ lactone, 4204‡
~, α oxo, 8270‡
2 p Dioxanone, P 2542‡, P 3818‡
2 p Dioxanone, 5 ester, 6246‡
$C_4H_4O_4$ (See also *Succinic acid*.)
Erythronic acid, lactone, 6802‡
Glycol, diformate, 3720‡
$C_4H_4O_4Pb$ See *Lead acetate*
$C_4H_4O_5S$ Acetic acid, dithiodi , 965‡, 4580‡
$C_4H_4O_5$ See *2-oxo Butyric acid*
$C_4H_4O_5$ See *Malic acid*
$C_4H_4O_6$ See *Tartaric acid*
$C_4H_4O_6U$ Uranyl acetate, 2413‡, 6122‡
$C_4H_4O_6Pb$, 032‡
C_4H_5 2,3 Butadiene 1 thiol, P 1345‡
Thiophene, 2,5-dihydro , 1316‡
Vinyl sulfide, 4192‡
C_4H_5BrMnO , 2238‡
C_4H_5Br See *Butene, bromo-*
C_4H_5BrMg 2 Butenylmagnesium bromide, 2238‡
C_4H_5BrO 2 Butanone, 1 bromo-, 2243‡
$C_4H_5BrO_2$ Acetic acid, bromo-, Et ester, 4216‡, 7786‡
Butyric acid *β* bromo-, 2242‡ ◦, 5829‡
$C_4H_5CaClO_3$, 93‡
C_4H_5Cl See also *Butene, chloro-*)
Isocrotyl chloride, 6350‡
Propene, chloromethyl , 2989‡, 3753‡, 5739‡, 9034‡
C_4H_5ClO 2 Butanone, 3 chloro , 8574‡
Butyraldehyde, 2-chloro-, 8172‡.
Butyryl chloride, 3039‡, 6284‡
Isobutyryl chloride, 3755‡
$C_4H_5ClO_2$ Acetic acid, chloroethyl ester 4938‡ 6235‡
Acetic acid, chloro-, ethyl ester, 1188‡
Formic acid, chloro-, isopropyl ester 6038‡
$C_4H_5ClO_3$ Ethanol, 2 methoxy , chloro-formate, 6241‡.
$C_4H_5ClO_3S$ 3 Thiophene ol, 4 chloro-tetrahydro-, *1-dioxide*, *P* 5096‡
$C_4H_5Cl_2I$ Butane, 2,3 2 trichloro-, 4196‡
Propane, 1,1,2 - trichloro 2 - methyl , 4190‡
$C_4H_5Cl_3O$ See *Chloralone*
$C_4H_5HgNO_3$ Acetamide, *N* (acetoxymer-curi)-, 8572‡.
$C_4H_5HgN_3O_2$ 2,4(1,3) *s* Triazinedione, dihydrobis(hydroxymercuri) - 6 - me-thyl , 2527‡
C_4H_5I 2 Butene, 2 1odo , 1657‡
$C_4H_5KN_2O_2$ Acetamide, *α,α'*-azobis-, *K* deriv , 6246‡
C_4H_5N 2,3 Butadienylamine, P 1344‡.
Butyronitrile, 7145‡
Pyrroline, 2758‡
C_4H_5NO Butyronitrile, γ hydroxy-, 6156‡

Cyclopropanecarboxaldehyde, oxime, 6294²
Isobutyronitrile, α-hydroxy-, 3242³, 6156⁹
Methacrylamide, P 275², P 2536⁷, P 3815⁸, P 5093⁹
Pyrrolidone, 1349⁸
C_4H_7NOS Homocysteine, lactone, 1743¹, 5719¹ *salts*, 1571¹
$C_4H_7NO_2$ Bacetin, oxime, 4551³, 7734¹ Compd , bu-m 63–4⁸, P 1342
$C_4H_7NO_2S$ 4 Thiazolidinecarboxylic acid 1743¹
$C_4H_7NO_3$ Aceturie acid, 5359⁸, 5359⁹
$C_4H_7NO_3S$ Propionic acid, α mercapto-, carbamate, 4569¹
$C_4H_7NO_4$ (See also *Asparine acid*) Acetic acid, iminodi-, 9489²
Compd bu-s 31–32 5⁷, P 1342⁸
C_4H_7NS Propionitrile, β methylmercapto-, 2106²
$C_4H_8N_2O$ See *Creatinine*.
$C_4H_8N_2O_2$ 2,4(1,3), 5 - Triazinedione, dihydro-6-methyl , *and sel s*, 2526⁷
$C_4H_8N_2O_3$ Malonic acid, guanido-, 3423⁸
$C_4H_8N_2O_4$ 1,2,5-Butanetriol, trinitrate, P 4758⁵
$C_4H_8N_2O_4$ 4 - Pyrimidol, 2,5,6 - triamino-, 6556¹
C_4H_8 (See also *Butene, Propene, 2-methyl*) Cyclobutane, 8117⁴, 9063⁴ Tetramethylene, 9280⁹
$C_4H_8AgClO_4S_2$, 3284⁸
$C_4H_8Ag_2N_2O_8S$, 3284⁸
$C_4H_8Br_2$ Butane, dibromo-, 6235¹, 6241 1794⁴, 6791⁴
$C_4H_8Br_2CdS_2$, 3284⁸
$C_4H_8Br_2CuS_2$, 3284⁸
$C_4H_8Br_2Cu_2S_2$, 3284⁸
$C_4H_8Br_2HgO_2$, 691
$C_4H_8Br_2HgS_2$, 3284⁸
$C_4H_8Cd_2Cl_2S_2$, 3284⁸
$C_4H_8Cd_2I_2S_2$, 3284⁸
C_4H_8ClNO Butane, 2 - chloro - 2 - nitroso-, 2416⁴
$C_4H_8Cl_2$ Butane, dichloro-, 1655⁷, 4185⁹ Propane, 1,3 - dichloro - 2 - methyl-, P 2151⁸, P 3812⁹
$C_4H_8Cl_2Cu_2S_2$, 3284⁸
$C_4H_8Cl_2Cu_2S_2$, 3284⁸
$C_4H_8Cl_2Hg$, 691
$C_4H_8Cl_2Hg_2S_2$, 3284⁸
$C_4H_8Cl_2O$ Ether, bis(2-chloroethyl), 2645⁵, 3535⁹, 5020⁹
Ether, 1-chloroethyl 2-chloroethyl, 6243⁹
—, 2-chlorosopropyl chloromethyl, 7733⁷
$C_4H_8Cl_2OS$ Sulfoxide, bis(2-chloroethyl), 8323⁸
$C_4H_8Cl_2O_2S$ Sulfone, bis(2-chloroethyl), 8468⁸, 8523⁹
$C_4H_8Cl_2Pt_2S_2$, 3284⁸
$C_4H_8Cl_2S$ See *Sulfide, bis(2-chloroethyl)*
$C_4H_8Cl_2Se$ Selenide, bis(2-chloroethyl), 5939⁸
$C_4H_8CoN_5S_2$ Ammonium cobaltothiocyanate, 2,3
$C_4H_8F_2$ Butane, 2,2-difluoro-, 4185³
$C_4H_8HgI_2O_2$, 691
$C_4H_8HgI_2S_2$, 3284⁸
$C_4H_8HgN_2O_2$ Acetamide, *N* Hg derivs , 8172⁷
$C_4H_8HgN_2O_8S_2$, 3284⁸
$C_4H_8I_2$ Butane, 1,4-diodo-, 2134⁷
$C_4H_8N_2$ Glycononitrile, *N*, *N*-dimethyl , 4584⁷
2 Imidazoline, 2 methyl , 4210⁸
$C_4H_8N_2O$ Isobutyronitrile, α hydroxamino-, 3334⁷
$C_4H_8N_2O_2$ Glycine, dimethyl , 1377⁷, 7840⁷, 8115⁷
$C_4H_8N_2O_2$ See also *Asparagine, Glycine, N glycyl*)
Malonamide, 6605⁷
$C_4H_8N_2O_3$ Tartramide, 6693⁷
$C_4H_8N_2O_3S$ 3 - Hydroxymethylenecarboxylic acid, 1 sulfo-, Et ester, *K salt*, 6246⁸
$C_4H_8N_2O_4$ 2,3 - Butanediol, dinitrate, 4857⁷
$C_4H_8N_2O_4P_2$, 7630⁹
$C_4H_8N_2S$ Thiosinamine, 5028⁹
$C_4H_8N_2S_2$ Formamide, *N*, *N'* - ethylenebis-thio-, P 2340⁷
$C_4H_8N_2O_3$ Allantoic acid, 1011⁹, 7330⁸
C_4H_8O (See also *2 Butanone, Butyraldehyde, Furan, tetrahydro-, Isobutyraldehyde*)
Butane, 2,3-epoxy -, 6241⁸, 6719⁵, 6797⁸.
Butenol, P 5411⁹, 5564⁸, 5692⁸
Ether, ethyl vinyl, 2413⁷, 9139⁸
C_4H_8OS Acetic acid, thiono-, Et ester, 9245⁷
Propionaldehyde, β - methylmercapto-, 2106⁴
$C_4H_8OS_2$ Isopropylxanthic acid, *salts*, 8574⁹.
Propylxanthic acid, *salts*, 8574⁹.
$C_4H_8O_2$ (See also *Aldol, 2 Butanone, Butyric acid, Butyric acid, Dioxane, Ethyl acetate, Isobutyric acid*)
Butyraldehyde, α hydroxy-, 4204⁷
Formic acid, Et ester, 6240⁸, 8070⁸.
Propionic acid, Me ester, 6692⁹
$C_4H_8O_2S$ Butyric acid, α mercapto-, *and derivs* , 5807⁷
Propionic acid, β - methylmercapto-, 2106⁴ *salts*, 1667⁷
$C_4H_8O_3$ (See also *Butyric acid, hydroxy-*) Carbonic acid, Et Me ester, 6692⁹
1,3 Dioxolanemethanol, P 1805⁸, P 2342⁴, 4203⁷
Lactic acid, Me ester, 8173⁹
$C_4H_8O_3S$ 2,3 Butanediol, sulfite, 6795⁷
$C_4H_8O_4$ Erythrose, 6805⁸
Glycolic acid, Et ester, 6230⁷
$C_4H_8O_5S$ Propionic acid, α-methylsulfonyl) , 4114
$C_4H_8O_6$ Erythronic acid, 4195⁹, *and salts*, 6802⁸
C_4H_8S Thiophene, tetrahydro-, 2783⁵, 7770⁸
C_4H_8Se Selenophene, tetrahydro-, 2783⁵
C_4H_8Br See *Butane, bromo-, Propane, bromomethyl*
C_4H_9BrMg Butylmagnesium bromide, 128⁴, 8⁴, *sec*-Butylmagnesium bromide, 8565⁴ Isobutylmagnesium bromide, 128⁴, 7757⁷, 8565⁴
C_4H_9BrO 2 Butanol, 3 bromo-, 6235¹, 6241⁴ Ether, 2 bromoethyl ethyl, 2120⁷, 7789⁸
$C_4H_9BrO_2$ Acetaldehyde, bromo-, di Me acetal, 6791⁴
C_4H_9Cl See *Butane, chloro-, Propane, chloromethyl*
C_4H_9ClMg *tert*-Butylmercury chloride, 129⁴
C_4H_9ClHgS Butylmercaptomercury chloride, 1255
C_4H_9ClMg *sec* - Butylmagnesium chloride, 8504⁷
tert - Butylmagnesium chloride, 1267⁴, 8504⁷
C_4H_9ClMgO 3 - Methoxypropylmagnesium chloride, 8566⁴
C_4H_9ClO *tert* Butyl hypochlorite, 1277⁴
Ether, 2-chloroethyl ethyl, 2120⁷, 7789⁸
—, 3-chloropropyl methyl, 8566⁷
$C_4H_9ClO_2$ Acetaldehyde, chloro-, di Me acetal, 6791⁴
$C_4H_9ClO_2S$ Butyl chlorosulfinate, 2483, 8579⁷
$C_4H_9ClO_3S$ Butyl chlorosulfonate, 1268, 8579⁷
$C_4H_9ClS_2$ Trithane, methochloride, 4192³
$C_4H_9ClNPS_2$, 9283⁸
C_4H_9I (See also *Butane, iodo-*)
Propane, iodomethyl , 4129⁴, 9093⁴
C_4H_9IMgO Butoxymagnesium iodide, 8080⁷
C_4H_9IO Ether, ethyl 2 iodoethyl, 7789⁸
C_4H_9IS 2 Propanesulfenyl iodide, 2 - methyl , 4904⁸
$C_4H_9IS_2$ Trithane, methoiodide, 4192³
$C_4H_9IS_3$ Trithane, butyl , 1293, 1683⁵, 3772⁸, 5376⁷, 6302⁷
C_4H_9N Allylamine, methyl-, 1671⁴, *and -HCl*, 8486⁷
Methylamine, *N* propylidene-, 8118⁵
Pyrrolidine, 2786⁵, 7779⁸
C_4H_9NO (See also *Morpholine*)
Acetamide, *N*, *N*-dimethyl , 4805, 6718⁷, —, *N*-ethyl , 4809⁷, 6718⁷, 8117⁸
Acetamide acid, Et ester, 6718⁷.
1 Azetidinemethanol, 4167⁴
Butyramide, 8117⁷
Isobutyramide, 8117⁸
C_4H_9NOS Carbamic acid, dimethylthiono-, Me ester, 9283⁸
$C_4H_9NO_2$ (See also *Butyric acid, amino-*) Butane, 2 nitro-, 4950⁸, 8117⁶
Carbamic acid, isopropyl ester, 8117⁸, Et ester, 9283⁷
Glycine, Et ester, 9283⁷
Propane, 2 methyl 1 nitro-, 4950⁸, 8117⁶
$C_4H_9NO_3S$ Homocysteine, 1271⁸, 5051⁸, 5719¹
$C_4H_9NO_5$ (See also *Threonine*) Allothreonine, P 5411⁹
2 Butanol, 3 nitro-, P 991⁸
Butyric acid, 2 amino-3-hydroxy , 9285⁷, —, , (ammonium) , *-HCl*, 5241⁸
Ethanol, 2 methoxy , carbamate, 1274⁸.
$C_4H_9NO_6$ 1,2 - Propanediol, 2 - (hydroxymethyl) 2 nitro-, P 5411⁹.
$C_4H_9NO_7$ Orthonitric acid, anhydride with AcOH, 1336⁵
C_4H_9NO See *Creatine*
C_4H_9Na Sodium, butyl , 5376⁸
C_4H_9O See *Butanol, 2 - methyl* .
C_4H_9AlCl Diethylaluminum chloride, 8820⁴
C_4H_9AlClO Aluminum chloride, etherate, 8820⁴
C_4H_9AuBrN S_2, 2838⁷
C_4H_9BiCl Bismathane, chlorodiethyl , 8820⁴.
C_4H_9ClO Phosphine, chlorodiethoxy-, 6156⁷
$C_4H_9Cl_2OTi$ Titanium, dichlorodiethoxy , 4193⁷
$C_4H_9Cl_2Sn$ Diethyltin dichloride, 7208⁴.
C_4H_9Hg Mercury, diethyl , 9139⁴.
C_4H_9Hg O-Se Ethylmercury selenite, 1267
C_4H_9LiN Lithium diethylamide, P 2338⁹.
C_4H_9N See *Piperazine*
C_4H_9NO Acetamide, *N*-(2-aminoethyl) , 4210⁸
Diethylamine, *N*-nitroso-, 2809⁸.
C_4H_9NO Butyric acid, α,γ-diamino-, *and its phosphate*, 8116⁸.
C_4H_9NOS Methanesulfinic acid, iminopropylamino-, betaine, 1726⁸.
$C_4H_9NO_2$, Carnalline, 8474⁸.
$C_4H_9NO_5P$ See *Creatinephosphoric acid, Phosphagen*
$C_4H_9NO_2$ Succinic acid, dihydrazide, 7737⁴
$C_4H_9NO_2Sn$ Sodium diethylstannate, 3557⁴.
C_4H_9O See *Butyl alcohol, Ethyl ether, Isobutyl alcohol*
C_4H_9OS 1 Propanol, 3 methylmercapto-, 2105⁴, 2106⁹, 3761⁸
C_4H_9OSn Diethyltin oxide, 5357⁴.
$C_4H_9O_2$ (See also *Butanediol; Cellosolve, Ethan 1, 2-dioxyo-, Ethyl peroxide*) Acetaldehyde, di Me acetal, 9383⁵.
tert Butyl hydrogen peroxide, 125⁸
Peroxide, isopropyl methyl, 8230⁵.
1,2 Propanediol, 2-methyl-, 3760⁸.
$C_4H_9O_2S$ See *Diethylene glycol*
$C_4H_9O_3S$ Ethanesulfonic acid, 2-ethoxy-, *chloromercurs salt*, 6793⁸
1 Propanesulfonic acid, 2 methyl-, *Na salt*, 5329⁸.
$C_4H_9O_4$ (see also *Erythritol*) Peroxide, bis(hydroxyethyl), 7953⁹.
C_4H_9S Ethyl sulfide, 1663⁸, 3693⁵, P 5415⁸, 5832⁷
$C_4H_9S_2$ Ethyl disulfide, 1265⁸, 8451⁴.
C_4H_9Se Ethyl selenide, 1267⁴
C_4H_9Sn Tin, diethyl , 5357⁴
C_4H_9Te 1 Butanetellurol, 1063⁸
$C_4H_9BO_3$ Borine, diethoxy-, 8132⁹
C_4H_9N See *Butylamine, Diethylamine, Isobutylamine*
C_4H_9NO Ethanol, 2-dimethylamino-, 7897⁸, 1 Propanol, 2 - amino - 2 - methyl-, P 5149
$C_4H_9NO_2$ See *Ethanol, 2,2'-iminodi-*
$C_4H_9NO_3$ 1,3 - Propanediol, 2 - hydroxyamino-, 2 - (hydroxymethyl)-, 2113⁷.
C_4H_9NS Propylamine, 3 - methylmercapto-, 2106⁴
$C_4H_9O_2P$ Glycerophosphoric acid, Me ester, *Na salt*, 8570⁸
C_4H_9AuBr Dimethylgold bromide, 6237⁵.
C_4H_9AuI Dimethylgold iodide, 6237⁵.
C_4H_9BrN Tetramethylammonium bromide, 3661⁷
$C_4H_9BrNO_3S$, 1616⁷
$C_4H_9BrNO_3S$, 1616⁷
C_4H_9ClN Tetramethylammonium chloride, 3661⁷
$C_4H_9ClNO_3S$, 1616⁷
$C_4H_9ClNO_3S$, 1616⁷
$C_4H_9Cl_2N$ Tetramethylammonium dichloroiodide, 5246⁸, 8467⁸
$C_4H_9ClN_3P_2$ Tri, 1,3-Butadiene, Pt complex, 9253⁸
C_4H_9IN Tetramethylammonium iodide, 6446⁸
$C_4H_9IN_3$ Tetramethylammonium triodide, 5245⁸
$C_4H_9NO_3P$ Ethanol, 2 - dimethylamino-, phosphate, 7897⁸
$C_4H_9N_3$ Putrescine, 4960⁸, 6455⁵, 8066⁸, *di HCl*, 4269⁷
$C_4H_9N_3O$ Ethanol, 2 - (2,2 - dimethylhydrazino) , 5356⁸
$C_4H_9N_3S_2$ Ethylamine, 2,2' - dithiobis-, 7110, 8457⁸
$C_4H_9NiO_4 + 2H_2O$, 65⁸.
$C_4H_9NO_3S_3$ Cyclotetrahydrazine, tetrakis-(hydroxymethyl)-, 934⁸.
$C_4H_9NO_5Pt_2$, 7630⁹.
$C_4H_9O_3S$ Propane, 2,2 - bis(methylsulfonyl)-, 6421⁸
$C_4H_{12}Pt$ Platinum, tetramethyl , 1267⁵.
$C_4H_{12}N_2$ Diethylenetriamine, P 3459⁸.
$C_4H_{12}AuIN_2$ Dimethylgold iodide, compd. with ethylenediamine, 6237⁵.
$C_4H_{12}BN$ Borane, methyl-, compd with NCH_3, 4360⁸
$C_4H_{13}ClN_2Pt_2$ 1,3-Butadiene, Pt complex, 9284⁸

$C_5H_5CrN_3O_6$, 6314f
$C_5H_5N_3NiO_4$, H_2O, 68e
$C_5H_5ClCrN_3O$, 494f.
$C_5H_5BrCl_2N_2Rh + H_2O$, 9181f
$C_5H_5BrCuN_3$, 1582f
$C_5H_5CaN_2O_3S$ Calcium sulfate, compd with urea, 1869f, 8894f
$C_5H_5CdN_3$, 5314f
$C_5H_5ClCoFeN_4O_2S_2$, 7690f
C_5H_5Cl CuN_3, 1582f
$C_5H_5ClInN_3R + H_2O$, 9181f
$C_5H_5ClInN_3R$, 9135f
$C_5H_5ClN_3O_2Rh + H_2O$, 9181f
$C_5H_5ClN_3PtS_2$, 2060f
$C_5H_5ClCrO_3S$, 6695f
$C_5H_5ClN_3Rh + H_2O$, 9181f
$C_5H_5ClCoFeN_4O_2S_2 + 2H_2O$, 7690f
$C_5H_5ClN_3O_2S$, 5314f
$C_5H_5BrCrN_3O_6$, 494f
$C_5H_5ClCrN_3O_6 + H_2O$, 494f
$C_5H_5ClCrN_3O_6$, 494f.
$C_5H_5CrN_3O_6$, 494f
$C_5H_5CrN_3O_6 + H_2O$, 494f
$C_5H_5ClInN_2Pt_2$ 1,3 Butadiene, Pt complex, 9281f
$C_5H_5CrO_4$, 494f
$C_5H_5ClCoN_3O_2$, 3695f
$C_5H_5ClNaRh$, 9180f
$C_5H_5KN_3$ Potassium cyanomercurate, 9105f
$C_5K_2N_2Zn$ Potassium cyanozincate, 5291f
$C_5K_2NiO_4$ Nickel potassium oxalate, 4152f
$C_5K_2O_4Pt$, 6969f
$C_5N_2Na_2O_4Re_2$ 3286f.
C_5NiO_4 See *Nickel carbonyl*
$C_5BaFeNO + 3H_2O$ Barium nitroprusside, 2793f
$C_5CaFeNO + 4H_2O$ Calcium nitroprusside, 2792f
C_5ClN Pyridine, pentachloro, 9873; 8615
$C_5Cl_8F_2$ Pentane, 1,1,1,2,2 3,3,5,5,6 decachloro 4,4 difluoro, 4185f
$C_5FeNaNO_6$ See *Sodium nitroprusside*
C_5FeO_5 See *Iron carbonyl*
$C_5H_2BrNO_2$ Compound, m 12.°, 6851f
$C_5H_2Br_2O_4$ 4 - Cyclopentene 1,3 - dione, 2,2 dibromo, 6826f
$C_5H_2Br_2N_2$ Pyridine, 2,6 tribromo, 4505f
C_5H_2ClNaS Pyrimidine, 2 chloro 4 - iso thiocyano, 6855f
Pyrimidine, 2 - chloro - 4 - thiocyano, 6855f
C_5H_2ClN Pyridine, 3,4,5 trichloro, 8615f
$C_5H_2O_3$ Croconic acid, 37f, 710f
$C_5H_2Cl_2Br_2O$ Cyclopentenone, 2,4 - dibromo - 5 (chloromercuri) 3 methyl, 582f
$C_5H_2ClBrO_2$ Pyrone, 2 - chloro - 5 - nitro, 5396f, 9304f
$C_5H_2ClO_2$ 2 Furaldehyde, 5-chloro, 3787f
$C_5H_2Cl_4$ Pyridine, dichloro, 4615f
C_5H_2ClNaS Pyrimidine, 2 chloro 4 - iso thiocyano, 6855f
C_5H_2ClHgS Thiophene, 2,3 - dichloro 5 (chloromercuri) 4 methyl 582f
C_5H_2InN Pyridine, 3 5 diodo, 5400, 7495f
and -HCl, 4243f
C_5H_2InN Pyridol, 3,5 diodo-, 6043
$C_5H_2NO_4$ 2 Furaldehyde, 5 nitro-, 3787f
$C_5H_2NO_2S$ 4,5 - Thiazoledicarboxylic acid, P 331f
$C_5H_2N_4Na_2O$ Xanthine, Na derv 230-
$C_5H_2NO_3Cu$ Cu salt, m 142-3°, 6851f
$C_5H_2AsNO_2$ 2 pyridol, 5 arsenoso-, P 6331f
C_5H_2BrN Pyridine, bromo, 3377
C_5H_2BrOS Thophene, dibromomethyl, 582f
C_5H_2ClN Pyridine, chloro-, 3379f, 6314f, 9631f, *comb with HgCl*$_2$, 987
$C_5H_2ClNO_2$ 5 - Isoxazolecarbonyl chloride, 3 methyl, 1725
$C_5H_2ClO_2HgO_2$ Furaldehyde, compd with $MgCl_2$, 1263
C_5H_2ClS Thiophene, 2,3 - dichloro - 4 methyl, 582f
C_5H_2IN Pyridine, iodo-, 3379f, 4246f, 5400f
$C_5H_2N_2O$ Isoxazolecarbonitrile, methyl, 1728
$C_5H_2N_2O_2$ 2 - Pyranecarboxylic acid, 7853f
$C_5H_2N_2O_3$ Glyoxyl cyanide, oxime, Ac derv, 9063f
2,6 - Pyridinedicarbonyl, 3 - nitro-, 4248f
$C_5H_2N_2S$ 5 Thiazolecarbonitrile, 4 methyl, 4242f
$C_5H_2N_2O$ See *Hyposanthine*.
$C_5H_2N_4O_3$ See *Xanthine*
$C_5H_2N_4O_3$ See *Uric acid*
C_5H_2O 1,4 Lentadiyn-3-ol, 7273f
C_5H_2OS 2 Thiophenecarboxaldehyde, 1692f
$C_5H_2O_2$ (See also *2 Furaldehyde*.)
4 Penten 2 ynoic acid, 3682f
2 Selenophenecarboxylic acid, 6304f
$C_5H_2O_2$ (See also *Furoic acid*.)
Citraconic anhydride, 6801f, P 9327f
Itaconic anhydride, P 9327f
C_5H_2BrO Furan, 2 (bromomethyl), 7779f
$C_5H_2BrO_3$ Crotonic acid, α bromo-γ hydroxy β methoxy-, γ lactone, 136f
C_5H_2BrS Thophene, 3 bromo 4 methyl, 582f
$C_5H_2Br_2HgN$, 1582f
C_5H_2ClHgO Furan, 2 (chloromercuri) 5 methyl, 8802f
$C_5H_2ClN_3$ Pyridine, 2 - amino - 6 - chloro, 8615f
$C_5H_2ClN_3O_2S$ 3 - Pyridinesulfonamide, 6 chloro, 1733f, 5400f
$C_5H_2ClNO_3$ Barbituric acid, 5 chloro 5 methyl, 140f
$C_5H_2ClN_3S$ Urea, 1 (2 chloro - 4 pyrimidyl) 3 thio-, 6853f
$C_5H_2ClO_2$ 1 ormic acid, chloro, 2,3 butadienyl ester, P 1345f
$C_5H_2ClO_3$ Crotonic acid, α chloro-γ hydroxy β methoxy, γ lactone, 136f
C_5H_2Cl HgN, 1582f
C_5H_2HgN, 5314f
$C_5H_3IO_3$ Crotonic acid, γ hydroxy α iodo β-methoxy, γ-lactone, 136f
C_5H_3N (See *Pyridine*.)
2,4 Pentadienenitrile, P 4272f
C_5H_3NO Pyridine, 1 oxide, 3284f, *HCl*, 9884f
3 Pyridol, 5397f, 7795f
2 Pyrrolecarbonyl chloride, 9320f
C_5H_3NOS 5 Thiazolecarboxaldehyde, 4 methyl, 4242f
$C_5H_3NO_2$ Citraconimide, 3386f
2 Furonitrile, 3786f
$C_5H_3NO_2S$ 5 Thiazolecarboxaldehyde, 2 hydroxy 4 methyl, 7783f
5 Thiazolecarboxylic acid, 4 methyl, P 814f
$C_5H_3NO_3$ 5 Isoxazolecarboxylic acid, 3 methyl, 1728f
$C_5H_3NO_3S$ 4 Pyridinesulfone acid, *salts*, 6314f
$C_5H_3NO_4S$ Pyridine - *N* oxide O - sulfonic acid betaine, 3284f
3 - Pyridinesulfone acid, 1,6 dihydro 6 oxo -, 6 hydrox-, 5400f
C_5H_3NS 4(1) Pyridithione, 6314f
$C_5H_3NO_2$ 2 Furaldehyde, P 4271
Pyrazolinecarbonitrile, methyloxo 593f
$C_5H_3N_3O_2$ 2 - Pyridol, 6 - amino - 5 - nitroso, 4248f
$C_5H_3N_3O_2$ 2 Pyridol, 6 amino 5 nitro-, 4248f
$C_5H_3N_3$, See *Adenine*
C_5H_3NO See also *Cytosinine*)
Isoguanine, 2108f
C_5H_3N (See also *Cyclopentadiene*.)
Butet, 1 bromo 3, 2 methyl, 5682f
C_5H_3BrCl 1 Butyne, 1 bromo 3-chloro-3 methyl, 1729f
$C_5H_3Br_3$ Cyclopentene, 1,5 dibromo, P 3972f
$C_5H_3ClO_3$ Acetic acid, trichloro, 3-chloro propyl ester, 6092f
$C_5H_3N_3$ Glutaronitrile, 8067; 9112f
Pyridine, amino-, P 175f, 239, 5400, 8615f
Pyrimidine, 4 methyl, 3791f
$C_5H_3N_3OS$ 5 Thiazolecarboxamide, 4 methyl-, 4242f
$C_5H_3N_3O_2$ 5 - Isoxazolecarboxamide, 3 methyl, 1727f
Uracil, 6 methyl, P 2152f
$C_5H_3N_3O_3$ Barbiturate acid, 1 methyl, 6802f
$C_5H_3N_3OS$ 3 - Pyridinesulfonamide, 1,6 dihydro 6 oxo-, 8615f
3 Pyridinesulfone acid, 6 amino-, 1733f 5400
$C_5H_3N_3O_2$ 2 - Pyrazinecarboxylic acid, hydrazide, P 4272f
Pyridine, 2,6-diamino 3 nitroso-, P 1318f, 4248f
$C_5H_3N_3O_4$ Pyridine, 2,6 - diamino 3 nitro-, 4248f
Pyridine, 2 hydramino-5 nitro-, 5396f
$C_5H_3N_3OS$ 5 Thiazolecarboxamide, 4 thio-, 1726f
$C_5H_3N_3O$ 2 Furanol, 6,8-diamino-, *salts*, 2108f
C_5H_4O 2 Cyclopenten-1-one, 6826f
Furan, 2 methyl, 1316f, 2132f
C_5H_4OS 2 Thiophenemethanol, 8196f
2 Thophene ol, 5 methyl, 8194f
$C_5H_4O_2$ (See also *Furfural alcohol*.)
Compd, b.p. 154°, 6276f
1,2 Cyclopentadione, 982f
3 Pentenoic acid, 4 hydroxy, γ lactone, 6276f
Propiolic acid, Et ester, 481f
Tetrolic acid, Me ester, 8117f
$C_5H_4O_3$ Crotonic acid, γ hydroxy β methoxy, γ lactone, 136f
Reductic acid, 37f, 470f, 8670f
Succinic anhydride, methyl, 6247f
$C_5H_4O_4$ Citraconic acid, 5351, 7175f, 8176f, P 9326f
Fumaric acid, mono Me ester, 533f
Itaconic acid, 5351, P 9326f
Mesaconic acid, 7175f, 8176f *and Na salt*, 5351f
Pyruvic acid, anhydride with AcOH, P 1347f
$C_5H_4O_5$ (See also *Glutaric acid*, oxo-)
Pentonic acid, 3 keto, lactone, P 2536f
C_5H_4S Thiophene, methyl-, 6717f
$C_5H_4BrCl_3$ 1 Butene, 1 bromo 1,3 dichloro-3 methyl (?), 4191f
C_5H_4BrO 3 Butyn 2 ol, 4 bromo 2 methyl, 4191f
C_5H_4BrO 3 Pentanone, tribromo, 1660f
C_5H_4Cl Butadiene, chloromethyl, 9281f
1 Butyne, 3 chloro 3 methyl, 9281f
C_5H_4ClO Ether, 1 (chloromethylene)allyl methyl, 6233f
$C_5H_4ClO_2$ Acetone acid, chloro, chloroallyl ester, 7442f
$C_5H_4Cl_2$ 1 Butene, 1,3 dichloro 2 (chloromethyl) (?), 4190f
$C_5H_4Cl_2O_2$ Acetic acid, trichloro, isopropyl ester, 6692f Pr ester, 6692f
$C_5H_4Cl_3O_2$ Acetic acid, trichloro-, 2 methoxy ethyl ester, 6092f
C_5H IN$_4$ 1 Methylpyrimidium iodide, 6071f
C_5H N F Pyridine, 3 methyl-, 5847f
C_5H NO Acetoacetonitrile, enol ether, m, 8574f
Butyromtile, α,β epoxy α methyl, 8574f
$C_5H_4NO_2$ Acetic acid, cyano, Et ester, 1662f
C_5H NO$_2$S 2,4(3,) Thiazoledione, 5,5 dimethyl, 597f
C_5H NO$_3$ Acrylic acid, α acetamido-, 2487f
2,4 Oxazolidinedione, 5,5 dimethyl, 597f, 6802f
—, 5 ethyl, 6802f
2,3,4 Pentanetrone, 4-oxime, 480f, 4984f
Pyroglutamic acid, P 5870f
C_5H NS Isothiocyanic acid, 2 methylallyl ester, 6859f
Thiazole, dimethyl, P 1760f, P 2909f
$C_5H_4N_2$ Pyridine, diamino P 175f, P 2150f
Pyrimidine, aminomethyl, *and HBr*, 3791f
$C_5H_4N_2O$ 4 Thiazolecarboxylic acid, 4 methyl, hydrazide, 4242f
C_5H N$_2$O-S 3 Pyridinesulfonamide, 6 amino, 1733f, 5400f
C_5H_4 (See also *Cyclopentene Isoprene*)
2 Pentyne, 121f
Propiolic acid
$C_5H_4BrO_2$ Propionic acid, α,β dibromo-, Et ester, 6760f
C_5H_4ClBrO Acetonitrile, (2-chloroisopropoxy), 7733f
Propionitrile, α (2 chloroethoxy), 6213f
$C_5H_4Cl_2$ 1 Butene, 3 chloro 2 (chloro methyl), 4190f
Butene, dichloromethyl, 4190f
$C_5H_4ClO_2$ Propionic acid, α,β dichloro-, 1 t ester, 7744f
$C_5H_4Cl_2Hg$ Furan, 2,3 trichloro-2 (chloromethyl), 4190f
$C_5H_4Hg_2NO_3$ Urea, 1,3 bis(acetoxy mercuri), 8572f
$C_5H_4INO_2$ Alanine, N iodoacetyl, 7826f
C_5H_4INS 3,4 Dimethylthiazolium iodide, 3779f
$C_5H_4N_2$ Pyrazole, 3,5 dimethyl, 6228
C_5H_4NO Isoxazole, (aminomethyl)methyl, *and salts*, 1726f
C_5H_4NOS 4 Thiazolidone, 5-ethyl 2 imino-, 5807f
C_5H_4N Pyridine, triamino-, P 175f, P 1318f, P 6351f
Pyrimidine, 2,4 - diamino 6 - methyl, 3779f
$C_5H_4NO_2$ Urea, 1,1'-methenebis(3 methyl ene, 2624
$C_5H_4N_4O_{12}$ Pentaerythritol, tetranitrate, P 180f, 383f, 4037f, 4423f, 5662f, 6047f, 6049f
C_5H_5O (See also *Cyclopentanone*)
3 Buten 2-one, 3 methyl, 2f
3 Buten 2-ol, 2 methyl, 1260f, 1295f, 9295f
Cyclobutanecarboxaldehyde, 4202f
2 Cyclopenten 1-ol, 929.4
Ether, allyl vinyl, 4972f
—, 2,3 butadien-1 methyl, P 1345f
Pentenone, 4-oxo, P 9325f
1 Lentyn-3-ol, 8270f
$C_5H_5O_2$ (See also *Pentanedione*)

Acetic acid, allyl ester, 1328, 5364†, 7731†, P 5852
Acrylic acid, Et ester, 6796†
3 Butenoic acid, Me ester, 8174†
Cyclopentanone, 2 hydroxy-, 4204†
Hydrogen peroxide, 2-cyclopenten-1 yl, 9292
Methacrylic acid, Me ester, 4315, P 7729, P 7734, P 14158, 15941, P 22311, P 30364, 34841, P 34597, 52041, 52829, 62351, P 64769, P 64865, 71665, P 73417, P 73861, P 75211
Senecoic acid, 3759†
Tiglic acid, 3334†
Valeric acid, γ hydroxy , lactone, 5267†, 8486†

$C_4H_6O_2$ (See also *Levulinic acid*)
Butyric acid, γ formyl , 12503
—, α-oxo-, Me ester, 8174†
1,3 Dioxolan - 4 - one, 5 - ethyl-, 8170†
2 Furoic acid, tetrahydro-, 3786†
Isobutyric acid, α,β-epoxy-, Me ester, 6246†
Valeric acid, α-oxo-, 8270†

$C_4H_6O_3$ Butyric acid, γ methylmercapto-α-oxo-, 7732†

$C_4H_6O_3$ (See also *Glutaric acid, Pyrotartaric acid*)
Malonic acid, Et ester, *and K salts*, 5067†
Methanediol, diacetate, 5269†
Succinic acid, Me ester, 6240†

$C_4H_6O_3S$ Succinic acid, methylmercapto-, 2106†

$C_4H_6O_4$ Acetic acid, (methylenedithio)di , 5825†, *ferric salt*, 3380†

$C_4H_6O_4$ Tartronic acid, di Me ester, 4190†

$C_4H_6O_5$ Diglycolic acid, methoxy-, *Sr salt*, 7735†

$C_4H_6O_5S$ Acetic acid, (methylenedisulfinyl)di , 5822†
Glutaric acid, α,β,γ-trihydroxy , 5363†

C_4H_7Br 2 Butene, 1 bromo-3 methyl , 7785†
Pentene, bromo-, 4972†
C_4H_7BrO Ether, 4 bromo-2 butenyl methyl , 2120†

$C_4H_7BrO_2$ Isovaleric acid, α bromo-, 2186†
Propionic acid, α bromo-, Et ester, 7785†

C_4H_7Cl Butene, chloro-methyl , 3793, 3796†
Cyclopentane, chloro-, 7737, 7744†
Pentene, chloro-, 9758, 24974, 49721

C_4H_7ClMg Cyclopentylmagnesium chloride, 9743†

C_4H_7ClO Pivalyl chloride, 1231†, 3758†
Valeryl chloride, 6259†

$C_4H_7ClO_2$ Formic acid, chloro-, butyl ester, 9435†
2 Propanone, (2-chloroethoxy) , 6243†
Propionic acid, α-chloro-, Et ester, 2435†

$C_4H_7ClO_3$ Ethanol, 2-ethoxy , chloroformate, 1274†

$C_4H_7ClO_3S$ Lactic acid, Et ester, chlorosulfonate, 2483†

$C_4H_7Cl_3$ Butane, trichloromethyl , 4190†

C_4H_7ClN Acetamide, α trichloro- N-propyl , P 6345†
$C_4H_7IO_2$ 2 Propanone, (2 iodoethoxy) , 6243†

C_4H_7N Pivalonitrile, 3332†
3 Pyrroline, 1 methyl , 9814
C_4H_7NO Cyclopropanone, oxime, 4203†

C_4H_7NOS 2 - Oxazoline - 2 - thol, 5,5 - dimethyl , 6595†
$C_4H_7NO_2$ (see also *Proline*)
2 Butene, 2 methyl-3 nitro-, 5804†
2 Furoamide, tetrahydro-, 3786†
1 Pentene, 3 nitro-, 7795†
$C_4H_7NO_2$ (see also *Proline, Aspartyl-*)
Malonamic Et ester, 10629†
$C_4H_7NO_2S$ Cysteine, S acetyl , 17945, 43004
$C_4H_7NO_3$ See *Glutamic acid*
$C_4H_7NO_4$ Glutamic acid, β-hydroxy , 3561†
$C_4H_7NS_2$ 2 Thiazoline 2 thol, 5,5-dimethyl , 5595†
C_4H_7N See *Histamine*.
C_4H_7NO Cyclopropanecarboxaldehyde, semicarbazone, 4204†
C_4H_8 (see also *Butene, methyl-, Cyclopentane, Hexene*)
Cyclopropane, dimethyl , 6231, 6719†
Pentamethylene, 9234
C_4H_8BrNO Acetone, oxime, 2 bromoethyl , 6250†
$C_4H_8Br_2$ Pentane, 2,3-dibromo-, 6731†
$C_4H_8Br_2O_2$ 1,3 Dioxolane, 2-(2-bromoethyl) , 1722†
$C_4H_8Cl_2$ Butane, dichloro-2-methyl-, 3755†, 3756†
Pentane, dichloro-, 1211, 4152†
$C_4H_8Cl_2Hg$ 5 1,2 Dithiole, 4,5-dihydro-4,4-dimethyl , compd with HgCl$_2$, 1858†
$C_4H_8Cl_2O$ Ether, 2-chloroethyl 1-chloropropyl, 6243†
$C_4H_8N_2$ Pentane, 2,2-difluoro-, 4150†
$C_4H_8N_2$ 2,4 - Imidazolidinedione, 5 - methyl-, *and di HCl*, 1361
2 Imidazoline, 2-ethyl-, 4210†
Propanenitrile, α-dimethylamino-, 4584†
$C_4H_8N_2O_2$ 2,3 Pentanedione, dioxime, 7640†
Urea, butyryl-, 2107†
—, isobutyryl-, 2107†
$C_4H_8NO_2$ (See also *Glutamine*)
Glycine, N-(5-aminopropionyl)-, 6771, 8176†
$C_4H_8N_2O_4$ Butane, 2 methyl 2,3-dinitro-, 5803†
$C_4H_8N_2O_6S$ Methanesulfonic acid, allophanyl , Et ester, 4200†.
$C_4H_8N_2S$ Thiourea, 9306
C_4H_8O (See also *Cyclopentanol, Isovaleraldehyde, Pentanone, Pentenol*)
Butane, epoxymethyl-, 2497†, 5356†
2 Butanone, 3-methyl , 3233†, 4289†, 5540†
Butenol, methyl-, 1298†, 4579†
Ether, ethyl isopropenyl, 2413†, 9139†
—, ethyl propenyl, 2413†, 9139†
—, methyl 2 methylallyl, P 2812†
Furan, tetrahydro-2 methyl , 1316†, 5545†
Pentane, 2,3-epoxy-, 1676†
Pivalaldehyde, enol , 3332†
Pyran, tetrahydro-, 4192†, 7779†
Valeraldehyde, 4434†
$C_4H_8O_2S$ Butylsulfonic acid, *salts*, 8574†
sec Butylsulfonic acid, *salts*, 8574†
Isobutylsulfonic acid, *salts*, 8574†
$C_4H_8O_2$ (see also *Isovaleric acid, Valeric acid*)
Acetic acid, isopropyl ester, 1227, 1328, P 9323†, 9643†, Pr ester, 23†, 456†, 3602†, 7638†, 8463†, 9643†
2-Butanone, hydroxymethyl , 2669, 7734†, 7805†
Butyric acid, Me ester, 6692†, 8173†
—, α-methyl , 4871, 7633†
m-Dioxane, P 1743†.
Formic acid, Bu ester, 2483†, *sec*-Bu ester, 1324, isobutyl ester, 2483†, 3759†
Furfuryl alcohol, tetrahydro-, P 9973, P 7819†
Isobutyric acid, Me ester, 3760†
2 Pentanone, hydroxy-, 1258, 8371†
Propionic acid, Et ester, 3624, 4581, 6692†, 7636†, 8427†, 8463†
$C_4H_8O_2S$ Propionic acid, α (ethylmercapto)-, 4995†
$C_4H_8O_2S_2$ 2 - Dithiolane - 4,4 - dimethanol, 1686†
$C_4H_8O_3$ Butyric acid, α,δ-hydroxy-, Me ester, 8173†
Butyric acid, α-methoxy-, 8174†
Carbonic acid, di-Et ester, 4098†, 6234†, 6692†, isopropyl Me ester, 6692†, Me ester, 6692†
Hydrogen peroxide, 1 hydroxycyclopentyl, 8576†
Lactic acid, Et ester, 1523†, 1662†, 1666†, 2213†, 4206†
Methanol, ethoxy-, acetate, 1327
Propionic, 1,3-dimethoxy-, 2483†
$C_4H_8O_4$ Erythrosde, methyl- , 7735†
$C_4H_8O_4S$ Propionic acid, α (ethylsulfonyl) , 4114†
$C_4H_8O_5$ (See also *Arabinose, Ribose, Xylose*)
xylulose, 7832†
$C_4H_8O_6S_2$ 1,2 - Dithiolane - 4,4 - dimethanol, disulfone, 1686†.
C_4H_8S Thiapyran, tetrahydro-, 7779†.
Thiophene, tetrahydro-2 methyl , 5543†.
$C_4H_8S_2$ 1,2 Dithiolane, 4,4-dimethyl , 1680†.
$C_4H_{8.3}$ 1,2 Dithiolane, 4,4-dimethyl , 1-sulfide, 1686†.
C_4H_9Br Butane, 1 bromomethyl , 1222, 6079†, 9207†.
Pentane, bromo-, 6234†, 7633†
Propane, 1 bromo-2,2-dimethyl , 6234†, 6237†.
C_4H_9BrMg Amylmagnesium bromide, 1258†.
Isoamylmagnesium bromide, 1258, 5804†, 7721†
2 Methylbutylmagnesium bromide, 1258†.
C_4H_9BrO Ether, 2-bromopropyl ethyl, 2120†, 8486†
Pentanol, bromo-, 1676†
$C_4H_9BrO_2$ 1,3 - Propanediol, 2 - (bromomethyl)-2-methyl-, 1660†.
$C_4H_9BrO_3$ 1,3 - Propanediol, 2 - (bromomethyl) 2-(hydroxymethyl)-, 1665†, 6234†
C_4H_9Cl (See also *Pentane, chloro-*)
Butane, chloromethyl , 1223, 1283†, 3755†, 4152†.
Propane, 1-chloro-2,2-dimethyl-, 6233†
C_4H_9ClHg 2,2 - Dimethylpropylmercury chloride, 6234†
C_4H_9ClHgS Amylmercaptomercury chloride, 1263†.
C_4H_9ClMg 2,2 - Dimethylpropylmagnesium chloride, 6234†.
Isoamylmagnesium chloride, 5804†.
C_4H_9ClO Ether, 3-chloroisobutyl methyl, P 2812†
Pentanol, chloro-, 7727†
C_4H_9DO Amyl alcohol-*d*, 5720†
C_4H_9I Butane, iodomethyl-, 1221, 4120†.
Pentane, 1 iodo-, 4120†
Propane, 1 - iodo - 2,2 - dimethyl , 6234†, 6237†, 6275†.
C_4H_9IMg Isoamylmagnesium iodide, 5804†
$C_4H_9IN_2$ (Cyanomethyl)trimethylammonium iodide, 4584†
C_4H_9IO 1,3 - Propanediol, 2 - (hydroxymethyl) 2 (iodomethyl)-, 9243.
$C_4H_9IS_2$ Trithiane, ethoxide, 4192†.
C_4H_9N (See also *Piperazine*)
Methylamine, 1-methylene-, 8118†
—, N isobutylidene-, 8118†.
Pyrrolidine, methyl , 5791, 9845, 58455, 59071.
C_4H_9NO Acetamide, N propyl-, 8117†
2 Butanone, 3 methyl , oxime, 9140†.
Pentanone, oxime, 4694†, 9140†.
Pivalamide, 3332†.
Valeramide, 4805, 8117†.
$C_4H_9NO_2$ (see also *Amyl nitrite, Betaine, Valine*)
Alanine, Et ester, 9285†.
β-Alanine, Et ester, 4058†
Butane, 1 nitro-, 4959†
2 Butanone, 3 hydroxy-3 methyl-, oxime, 7734†.
Butyraldehyde, α hydroxy-α methyl , oxime, 7734†
Carbamic acid, Bu ester, 8117†, isobutyl ester, 8117†, 9143†.
Norvaline, 2397†.
$C_4H_9NO_3S$ See *Methionine*.
$C_4H_9NO_4$ Butanol, methylnitro-, P 1764, P 1794, P 1804
Carbamic acid, 2-ethoxyethyl ester, 7735†.
Ethanol, 2-ethoxy , carbamate, 1274†
$C_4H_9NO_5S$ Butyric acid, α amino-γ (methylsulfonyl)- 1274†, 4193†, 5359†, 5586†
$C_4H_9NO_5$ Arabinose, oxime, 7735†.
$C_4H_9NS_2$ Carbamic acid, diethyldithio-, *Na salt*, 5028†
$C_4H_9N_3$ Guanidine, 1-allyl-1 methyl-, *sulfate*, 1671†.
$C_4H_9NO_2$ 2-Butanone, 3 hydroxy , semicarbazone, 4204†
$C_4H_9N_3O_2$ Butyric acid, (guanidooxy)-, 8344†.
C_4H_{10} (see also *Butane, 2 methyl-, Pentane*)
Propane, 2,2-dimethyl , 4502†, 6235†, 6236†.
$C_4H_{10}BrN$ Amylamine, 5-bromo-, 1200†
Butylamine, N-bromo- N-methyl , 5791
$C_4H_{10}ClN$ Amylamine, 5-chloro-, 1199†
Butylamine, 3-chloro- N-methyl , 5791
$C_4H_{10}ClNO_4$ Betaine, perchlorate, 9359†
$C_4H_{10}ClSn$ Stannane, butyl methyl, compd with HCl, 12653†
$C_4H_{11}N$ Amylamine, 5-iodo-, 1200†
$C_4H_{11}NO$ Propionamide, N (2 aminoethyl) , 4210†
Urea, diethyl , 8117†
$C_4H_{11}NO_2$ (See also *Betaine*)
Carbamic acid, (2 aminoethyl)-, Et ester, P 6532†
$C_4H_{12}Sn$ See *Stannane*
C_5H_6O (see also *Amyl alcohol Isoamyl alcohol, Pentanol, 1 Propanol, 2,2 dimethyl*)
Butanol, methyl-, 122, 1211, 1263†, 5362†.
Ether, allyl butyl methyl, 6792†.
—, ethyl isopropenyl, 6632†
$C_5H_6O_2$ 1,3 Butanediol, 3 methyl , 1295†.
Methane, diethoxy , 211, 1304
1,5-Pentanediol, P 9973
1,3 Propanediol, 2,2-dimethyl , P 9973
$C_5H_6O_2S_2$ 1,3-Dithiolane, 2,2 bis-(mercaptomethyl) , 1660†
$C_5H_6O_3$ Ethanol, 2 (2 methoxyethoxy) , 4659†
2 Propanol, 1,3-dimethoxy , 2458†.

$C_3H_5O_2$ (See also *Pentaerythritol*)
Orthocarbonic acid, tetra-Me ester, 481[a]
$C_3H_5O_2Na$ Adonitol, 2106[a], 2486[a]
Arabitol, 2106[a], 5444[a]
Xylitol, 6799[a]
$C_3H_6O_2S_2$ 1,3 Propanedisulfonic acid, 2,2-bis(hydroxymethyl)-, *and salts*, 1680[a]
$C_3H_6S_2$ 2-Butanethiol, 2 methyl, 1659[a]
1 Pentanethiol, 4194[a], 6023[a]
Sulfide, butyl methyl, 1265[a]
$C_3H_6S_2$ 1,3 Propanedithiol, 2,2 dimethyl, 1680[a]
$C_3H_8BrClN_2O_3$ (2 - Bromoethyl)trimethyl ammonium perchlorate, 5359[a]
$C_3H_8ClNO_4$ Choline, perchlorate nitrate, 5359[a]
$C_3H_8ClNO_5$ (2 - Chloroethyl)trimethyl ammonium perchlorate, 5359[a]
C_3H_9N (See also *Amylamine*)
Isoamylamine, 3691[a], 5804[a], 7835[a], *compd with* NH_2SO_3H, 4543[a]
Propylamine, dimethyl-, *and* -*HCl*, 5804[a], -*HCl*, 5804[a]
C_3H_9NO (See also *Neurine*)
Butanol, aminomethyl-, P 2149[a], 5804[a]
1-Pentanol, 2 amino-, P 2149[a]
$C_3H_9NO_2$ 1,2 - Propanediol, 3 - dimethyl amino-, P 3818[a]
$C_3H_9NO_3S$ Choline, cyclic sulfate, 5359[a]
C_3H_9NS 2-Propanethioamide, *N*,2 - dimethyl, 4959[a]
$C_3H_9N_3$ Azetidine, 3,3 bis(aminomethyl), *and* -*HCl*, 1359[a]
$C_3H_9N_3O$ Urea, (2-dimethylaminoethyl), P 3204[a]
$C_3H_{10}ClNO$ Choline, chloride, 8295[a]
$C_3H_{10}ClNO_5$ Choline, perchlorate, 5359[a]
$C_3H_{10}ClN_3$ 1,3 - Propanediamine, 2 - (aminomethyl), 2 - (chloromethyl) , *and* -*HCl*, 1357[a]
$C_3H_{11}ClN_2OPt$, 7690[a]
$C_3H_{11}ClN_2OPd$, 7690[a]
$C_3H_{11}Cl_2N_2Pt$, 3095[a]
$C_3H_{11}Cl_2N_2OPdPt$, 7690[a]
$C_3H_{11}Cl_2N_2Pt_2$, 7690[a]
$C_3H_{12}N_2$ 1,3 - Butanediamine, 2 - methyl, 5803[a]
Cadaverine, 8066[a], 8674[a], *di HCl*, 4266[a]
Hydrazine, 1 butyl 2 methyl , -*HCl*, 557[a]
$C_3H_{14}N_2O$ 2 Butanol, 1-hydrazino-2 methyl , 5300[a]
$C_3H_{15}N_3$ Agmatine, 2545[a]
$C_3H_{15}NO_2Se$ *Choline*
$C_3H_{15}NO_3$ 1-Propanol, 3 amino-2,2 bis(am inomethyl) , *and salts*, 135[a]
$C_3H_{15}BN$ Boron, dimethyl-, compd with NN'-, 9650[a]
$C_3H_{15}ClN_2RbS$, 9181[a]
$C_3H_{15}NO_4P$ Choline, phosphate, 7897[a]
$C_3H_{16}N_2$ 1,3 - Propanediamine, 2,2 bis(am inomethyl)-, *and salts*, 135[a]
$C_3K_4Mo_6O_{31}$, 37
$C_3O_{12}Si_3$ Si_3O See *Sharpite*
$C_3Ag_2CoN_6$ Silver cobaltycyanide, 9193[a]
$C_3Ag_3FeN_6$ Silver ferricyanide, 915[a]
$C_3AlFeK_3N_6$ Aluminum potassium ferrocyanide, 4152[a]
$C_3BaCuFeN_6$ Barium copper ferrocyanide, 4152[a]
$C_3BaFeK_2N_6$ Barium potassium ferrocyanide, 4152[a]
C_3BaFeN_6 Barium ferrocyanide, 1574[a], 4152[a]
$C_3Br_2O_2$ Quinone, tetrabromo-, 4520[a]
$C_3Br_2Cl_2$ Benzene, pentabromochloro-, 3341[a]
C_3Br_6 Benzene, hexabromo-, 3341[a], 6823[a]
$C_3CaCuFeN_6$ Calcium copper ferrocyanide, 4152[a]
$C_3CaFeK_2N_6$ Calcium potassium ferrocyanide, 4152[a]
C_3CaFeN_6 Calcium ferrocyanide, 4152[a], 5728[a]
$C_3CdFeK_2N_6$ Cadmium potassium ferrocyanide, 4152[a], 6122[a], 8439[a].
$C_3CdFeN_6Rb_2$ Cadmium rubidium ferrocyanide, 4152[a]
C_3CdFeN_6 Cadmium ferricyanide, 915[a], 4152[a]
C_3CeCoN_6 Cerium cobaltycyanide, 5766[a]
$C_3Cl_2O_2$ Quinone, tetrachloro-, 4520[a], 6265[a].
C_3Cl_4NaO 1 benol, pentachloro-, Na derv , 3202[a], 4817[a]
C_3Cl_6 Benzene, hexachloro , 4504[a]
$C_3CoCuFeN_6$ Cobalt copper ferrocyanide, 4152[a]
C_3CoLaN_6 Lanthanum cobaltycyanide, 5766[a]
C_3CoNdN_6 Neodymium cobaltycyanide, 5766[a].
C_3CoN_6Pr Praseodymium cobaltycyanide, 5766[a].
C_3CoN_6Sm Samarium cobaltycyanide, 5766[a].
C_3CoN_6Y Yttrium cobaltycyanide, 5766[a].
C_3CoN_6Yb Ytterbium cobaltycyanide, 5766[a]
$C_3CoZnFeN_6$ Cobalt ferrocyanide, 915[a], 4152[a]
$C_3CrK_2O_3$, 6264[a]
C_3CrO_3 Chromium carbonyl, 1568[a]
$C_3CuFeHgN_6$ Copper mercury ferrocyanide, 4152[a].
$C_3CuFeMgN_6$ Copper magnesium ferrocyanide, 4152[a].
$C_3CuFeNiN_6$ Copper nickel ferrocyanide, 4152[a]
C_3CuFeN_6Sr Copper strontium ferrocyanide, 4152[a]
C_3CuFeN_6Zn Copper zinc ferrocyanide, 4152[a]
C_3CuFeN_6 See *Copper ferrocyanide*
C_3D_4 See *Benzene d*$_4$
$C_3FeK_2N_6Zn$ Potassium zinc ferrocyanide, 6122[a]
$C_3FeK_4N_6$ See *Potassium ferrocyanide*
$C_3FeK_4N_6$ See *Potassium ferrocyanide*
$C_3FeMn_2N_6$ Manganese ferrocyanide, 915[a]
$C_3FeN_6Na_4$ See *Sodium ferrocyanide*
$C_3FeN_6Ni_2$ Nickel ferrocyanide, 915[a], 4152[a]
$C_3FeN_6Pb_2$ Lead ferrocyanide, 915[a], 4152[a]
C_3FeN_6Sn See *Tin ferrocyanide*
$C_3FeK_4N_6$ Iron potassium ferrocyanide, 4152[a]
C_3FeN_6 Iron ferricyanide, 1567[a]
C_3FeN_6 Iron ferrocyanide, 1202[a], 4152[a]
$C_3H_2ClN_3O_2$ 2,5 - Pyrolidecarbonyl azide, 4 chloro-, 2,6 dioxo-, 2691[a]
$C_3H_2Cl_2N_2O_2$ Benzene, 2,3,4 trichloro-1,5 dinitro-, 6267[a]
$C_3H_2Cl_3$ Benzene, pentachloro , 4504[a]
$C_3H_2Cl_3O$ Phenol, pentachloro-, 3414[a]
$C_3H_2D_4$ Benzene d_4, 3263[a], 8065[a]
$C_3H_2Br_3NO_2$ Benzene, 1,5 dibromo-2,3 dinitro-, 5370[a]
$C_3H_2Br_4O$ Pyrocatechol, tetrabromo-, 35[a]
$C_3H_2Br_4O_2$ 2,5 Hexanedione, octabromo-, 1669[a]
$C_3H_2Cl_2$ Benzene, chlorotriodo , 1199[a]
$C_3H_2Cl_2N_2O_4$ See *Benzene, chlorodi*
$C_3H_2Cl_4N_2O_2$ Benzene, dichlorodinitro-, 1256[a], 1326[a], 5375[a], 5376[a]
$C_3H_2ClNO_3$ Quinone, 2,5 dioxo-, 444[a]
$C_3H_2Cl_4$ Benzene, tetrachloro , 4504[a]
$C_3H_2Cl_4Hg$ 2,4,6 - Trichlorophenylmercury chloride, 2890[a]
$C_3H_2Cl_4O$ Phenol, tetrachloro , 341[a]
$C_3H_2D_4$ Benzene d_4, 3263[a], 8065[a]
$C_3H_2I_4O_2$ Benzene, 1,2,3 triodo 5 nitro , 5374[a]
$C_3H_2N_2Na_2O$ Picric acid, Na derv , 8475[a]
$C_3H_2N_2O_4$ Benzoadazole, 5,7-dimtro-, P 5869[a]
$C_3H_2N_2O_7$ Pyrazolo[1,2]pyrazole - 1,2,3,5 - tetrone, 2 Acetoxy-, 7298[a]
$C_3H_2N_2O_7$ Hydroquinone, tetrakis(trnzo) , 7280[a]
$C_3H_2O_3$ See *Rhodizonic acid*
$C_3H_2Ag_2N_6O_3S_3 + 3H_2O$ 4,5-Thiazolediene, 2,3 - dihydro - 2 - imino-, 5 - oxime, Ag complex, 7230[a]
$C_3H_2AsBrClHgO$ 2 Arsenoso-5 bromophenyl mercury chloride, 157[a].
$C_3H_2AsClHgO$ 2 Arsenoso-5-chlorophenyl mercury chloride, 157[a].
C_3H_2AsClO Benzene, 1 arsenoso-2,4-dichloro-, 153[a]
$C_3H_2AsCl_3$ Arsine, dichloro(dichlorophenyl) , 8583[a]
$C_3H_2BrClN_2O_3$ 3 - Chloro - 5 nitrobenzene diazonium fluoborate, 153[a]
$C_3H_2BrCl_2FN_2$ 3,5 Dichlorobenzenediazonium fluoborate, 153[a]
$C_3H_2BrN_3O_6$ Benzene, 1-bromo-2,4-dinitro-, 1326[a]
$C_3H_2BrNO_2Se$ Benzeneselenenyl bromide, 4 bromo-2 nitro-, 4971[a].
$C_3H_2BrN_3O$ Benzazimidol, 4,6-dibromo-, 8613[a]
$C_3H_2Br_2O$ Phenol, tribromo-, P 9322[a]
$C_3H_2Br_2O_2$ Pyrocatechol, 3,4,6 tribromo-, 6267[a]
$C_3H_2ClFNO_2$ Benzene, 1-chloro-3 fluoro-5-nitro-, 1326[a]
$C_3H_2ClN_3O_4$ See *Benzene, chlorodinitro-*
$C_3H_2ClN_3O_7$ Benzazimidol, 6-chloro-4 nitro-, 8613[a]
$C_3H_2ClO_2$ Quinone, chloro-, 4520[a]
C_3H_2ClF Benzene, 1,3-dichloro-5 fluoro-, 1331[a]
$C_3H_2ClNO_3$ 3,4 Isoxazoledicarbonyl chloride, 5-methyl , 8612[a].
Phenol, dichloronitro-, 3556[a].
2-Pyrrolecarboxylic acid, 3,4-dichloro-5-formyl , 2900[a].
$C_3H_2Cl_2NO_2$ 2,5 Pyrroledicarboxylic acid, 3,4 dichloro-, 2900[a]
C_3H_2ClNO Benzazimidol, 4,6-dichloro-, 8613[a]
$C_3H_2Cl_3$ See *Benzene, trichloro-*.
C_3H_2ClHg Dichlorophenylmercury chloride, 2890[a]
$C_3H_2ClNO_4$ Cobaltycyanic acid, 2059[a].
$C_3H_2ClN_3$ Cyanochrome(III) acid, 2059[a].
$C_3H_2Cl_2$ Benzene, trichloro , 3675[a], 8065[a].
$C_3H_2FeN_6$ Ferricyanic acid, 2059[a]
$C_3H_2IN_3O_2$ Benzene, 1 iodo 2,4 dinitro-, 5374[a]
C_3H_2NOS 2 Thiophenecarboxyl cyanide, 8196[a]
$C_3H_2N_2O_3$ See *Benzene, trinitro-*
$C_3H_2N_2O$ See *Picric acid*
$C_3H_2N_2O$ See *Styphnic acid*
$C_3H_2N_2O_2S_2$ Thiazolidone, 2,3-dihydro 2 imino-, 5-oxime, Ag complex, 7230[a]
$C_3H_2N_2Br_2O$ Benzene, 1 arseno-4 bromo-, 157[a]
C_3H_2AsClO Benzene, arsenosochloro-, 157[a]
$C_3H_2AsClO_3S$ Benzenesulfonyl chloride, *p*-dichloroarsoxy , 7751[a]
$C_3H_2As_2Cl_3$ Arsine, *o* phenylenebis[dichloro-, 6327[a]
$C_3H_2BBrF_4N_2$ *m* - Bromobenzenediazonium fluoborate, 1685[a]
$C_3H_2BF_4IN_2$ *m* - Iodobenzenediazonium fluoborate, 1685[a]
$C_3H_2BF_4N_3O_2$ *p* - Nitrobenzenediazonium fluoborate, 5370[a]
C_3H_2BrCl Benzene, 1 bromo-4 chloro, 9138[a]
$C_3H_2BrClHg$ Bromophenylmercury chloride, 1581[a]
$C_3H_2BrClMg$ Dichlorophenylmagnesium bromide, 1571, 5823[a]
$C_3H_2BrNO_2$ Benzene, bromonitro-, 5581[a], 7774[a]
C_3H_2BrNO Phenol, bromonitro , 3662[a]
$C_3H_2Br_2$ See *Benzene d*$_4$, *dibromo-*.
$C_3H_2Br_2O$ Pyrocatechol, 3,6-dibromo , 6265[a]
$C_3H_2Br_2O_2S$ 2 - Thiophenecarboxylic acid, 3,5 - dibromo - 4 - methyl , 5827[a]
$C_3H_2Br_2OS$ Benzenesulfonic acid, dibromo , *Pr salt*, 3690[a]
C_3H_2ClFHg Fluorophenylmercury chloride, 2890[a]
C_3H_2ClNO Benzene, 1-chloro-4-nitroso-, 2113[a]
$C_3H_2ClNO_2$ (See also *Benzene, chloronitro-*) Nicotinic acid, chloro-, P 3307[a]
$C_3H_2ClNO_2S$ Benzenesulfonyl chloride, 4-cyano , 8387[a]
$C_3H_2ClNO_3$ Phenol, chloronitro-, 3663[a]
$C_3H_2ClNO_3S$ Benzenesulfonyl chloride, *p* -cyano-2 nitro-, 8387[a]
$C_3H_2ClNO_5S$ Benzenesulfonic acid, 2-chloro-5 nitro-, *and Na salt*, 6269[a]
$C_3H_2ClN_3O_2$ Nitrobenzenediazonium chloride, 1283[a]
$C_3H_2ClO_3Sb$ Benzene, 1-chloro-3 stiboso-, 1417[a]
$C_3H_2Cl_2$ See *Benzene, dichloro*
$C_3H_2Cl_2Hg$ Chlorophenylmercury chloride, 2890[a]
$C_3H_2Cl_2Hg_2O$ Phenol, 2,4 bis(chloromercuri-, 8802[a]
$C_3H_2Cl_2NO_2S$ Benzenesulfonyl chloride, *p* chloro-2 nitro-, 8202[a]
$C_3H_2Cl_2O_2S$ Benzenesulfonyl acid, 4,5 - dichloro-3 methyl , 5527[a]
$C_3H_2Cl_2O_3S$ Thiophenecarboxylic acid, 4,5-dichloro 3 - (hydroxymethyl) , 5827[a]
C_3H_2ClN 2 Picoline, *a* trichloro-, 6311[a]
$C_3H_2DNO_3$ Phenol-*d*$_2$-*o*-nitro-, 2802[a]
$C_3H_2D_2$ Benzene-*d*$_2$, 3263[a], 8065[a]
$C_3H_2D_2O$ Resorcinol-*d*$_2$, 4103[a], 4456[a]
$C_3H_2FNO_3$ Benzene, fluoronitro-, 5584[a]
$C_3H_2FNO_3$ Phenol, fluoronitro-, 3663[a]
$C_3H_2FN_3O_2$ Benzene, fluoronitro-, 5551[a], 7774[a]
$C_3H_2INO_3$ Benzene, 1 iodo 3 nitro-, 1511[a]
1 benol, iodonitro-, 3663[a]
$C_3H_2I_2O_2$ Resorcinol, 2-diiodo-, 9135[a]
$C_3H_2I_2O$ Hydroquinone diiodo-, 4325[a]
$C_3H_2K_2N_2O$ 1,2,5,6,9,10 Hexazacyclododeca 2,6,10 trene 4,8,12 trione, di-k derv , 6216[a]
C_3H_2NO Benzofurazan, 7634[a]
$C_3H_2NO_2$ Benzofurazan, oxido, 7634[a]
$C_3H_2NO_3$ (See also *Benzene, dinitro-*) 2,3 - Pyrazinedicarboxylic acid, 7853[a]
$C_3H_2NO_4$ See *Phenol, dinitro-*
$C_3H_2N_2S_3$ Bithiarole, 5847[a], 8612[a].
$C_3H_2N_2O_5$ Picramide, 7654[a]
$C_3H_2O_3$ See *Quinone*

$C_6H_4O_3S$ 2 - Thiopheneglyoxylic acid, 8196†

$C_6H_4O_3Se$ 2 - Selenopheneglyoxylic acid, *and Na salt*, 6304†

$C_6H_4O_4$ Quinone, 2,5-dihydroxy , 3775†

C_6H_5 Phenyl, 0353†, 6263†

$C_6H_5AsClNO_2$ Benzenearsonic acid, 4-chloro- 3 nitro-, 6263*

$C_6H_5AsCl_2$ Arsine, dichlorophenyl-, 2607†, 8353†

$C_6H_5AsCl_2O_2$ Benzenearsonic acid, dichloro , 1577, 8353†

C_6H_5AsO Benzenol, arseno-o-, 9312†

C_6H_5Br see *Benzene, bromo-*

C_6H_5BrMg Phenylmagnesium bromide, 2113†, 2132*, 3993†, 5409†, 5519†, 5823-3, 5860†, 6264†, 6823†, 7286†

C_6H_5BrO see *Phenol, bromo-*

C_6H_5BrOS Thiophenecarboxylic acid, bromomethyl- 5826†

C_6H_5Cl Phenylcalcium iodide, 1291

C_6H_5Cl see *Benzene, chloro-*

C_6H_5ClHg Phenylmercury chloride, 1684†, 8867

C_6H_5ClHgO *o* Hydroxyphenylmercury chloride, P 5660*

C_6H_5ClMg Phenylmagnesium chloride, 5804†

$C_6H_5ClN_2$ Benzenediazonium chloride, 6263†

$C_6H_5ClN_2O_2$ Aniline, 5-chloro-2 nitro-, 6264†

C_6H_5ClO see *Phenol, chloro-*

$C_6H_5ClO_2S$ Benzenesulfonyl chloride, 8572†

Phenyl chlorosulfonate, 2453†

$C_6H_5Cl_3I$ Benzene, iodo-, dichloride, 8180*

$C_6H_5Cl_3N$ Aniline, 2,5-dichloro-, 8583†

2 Picoline, α,α-dichloro-, 6311†

C_6H_5ClNO Phenol, 4-amino-3,5-dichloro-, 8448†

$C_6H_5ClNO_3S$ Dichloramine-B, 3761†

C_6H_5Cs Cesium, phenyl , 1293†

C_6H_5D Benzene, deuterio-, 6264†

C_6H_5DO Phenol *d*, 8113†

$C_6H_5D_2N$ Aniline-*N*, *N*-*d*$_2$, 8115†

C_6H_5FO Phenol, fluoro-, 1686*, 3663†, 8478†, 8588†

C_6H_5FS Benzenethiol, *p* fluoro-, 4214†

$C_6H_5HgNO_3$ Mercuric nitrate, 1879†, 3525†, 8795†, 8802*

C_6H_5I see *Benzene, iodo-*

C_6H_5IMg Phenylmagnesium iodide, 4225†, 5804†, 6823†

C_6H_5IO Phenol, iodo-, 1685†, 3663†, 8478†

$C_6H_5IO_2$ Benzene, iodoxy-, 1195†

$C_6H_5IO_3S$ Benzenesulfonic acid, iodoso-, 1517

C_6H_5K Potassium, phenyl , 1234

C_6H_5Li Lithium, phenyl , 1291, 2407, 2890†, 3772†, 5374†, 5403†, 5804†, 5819†, 5823†, 6263†

C_6H_5NO Benzene, nitroso-, 7531, 13039, 5826†, 6170†

Picrolinaldehyde, 8311†

$C_6H_5NO_2$ (See also *Benzene, nitro-* *Nicotinic acid* *Picolinic acid*)

Phenol, *p* nitroso-, 4532†

$C_6H_5NO_3S$ Benzenethiol, nitro-, 6266*, Glycoxal, 2 thienyl , oxime, 1693†

$C_6H_5NO_4$ see *Phenol, nitro-*

$C_6H_5NO_5$ Pyrocatechol, nitro-, 4581†, 5928*

Resorcinol, nitro-, 4581†, 4594*

$C_6H_5NO_5S$ 3,4 - Isoxazolecarboxylic acid, 5-methyl- 1221

$C_6H_5NO_6S$ Benzenesulfonic acid, *m* nitro-, 4011, 2329*

$C_6H_5N_3$ 1,3 Imidazo[c]pyridine, *and -HCl*, 9051

$C_6H_5N_3O_4$ Aniline, dinitro-, 7661*, 8352†

$C_6H_5N_3O_5S$ 2 - Thiophenemethanol, 5 methyl - 3,4 dinitro-, nitrate (ester), 9041

C_6H_5Na Sodium, phenyl , 1291

C_6H_5NaO see *Sodium phenoxide*

$C_6H_5NaO_3S$ see *Sodium arylate*

C_6H_5Rb Rubidium, phenyl , 1291

C_6H_6 (see also *Benzene*)

1,5 Hexadien-3-yne, P 6310†, P 6572*, P 7225*, 9102†

2,4 Hexadiyne, 4450†

$C_6H_6AlBr_3$, 2143, 7685†

$C_6H_6AlBr_3Sb$, 5347†

$C_6H_6AsBrO_3$ Benzenearsonic acid, *p*-bromo-, 1577

$C_6H_6AsBr_2NO_3S$ Benzenesulfonamide, *p*-dibromoarsanyl- , 7726*

$C_6H_6AsClO_3$ Benzenearsonic acid, chloro-, 1577

$C_6H_6AsClO_3S$ Benzenesulfonamide, *p* (chloroarsenoso)- 7731†

$C_6H_6AsCl_3NO_2S$ Benzenesulfonamide, *p* (dichloroarsanyl)- , 7726*

$C_6H_6AsCl_3$ Arsine, tris(2-chlorovinyl) , 2943*, 3483†

$C_6H_6AsINO_3S$ Benzenesulfonamide, *p*-diodoarsanyl- , 7726*

$C_6H_6AsNO_3$ See *Phenol, 2-aminoso-4-arsenato-*

$C_6H_6AsNO_3S$ Benzenesulfonamide, *p*-arsenoso- , 7730*

$C_6H_6AsNO_4$ Arsine, dihydroxy(nitrophenyl)- 1577

$C_6H_6AsNO_5S$ Benzenearsonic acid, *p*-sulfoamyl , anhydride, 7750*

$C_6H_6AsNO_5$ Benzenearsonic acid, nitro- , 1577

$C_6H_6AsNO_6$ Benzenearsonic acid, hydroxy nitro- 6583†, P 6834

$C_6H_6BClO_2$ Benzeneboronic acid, *p*-chloro-, 4970†

$C_6H_6BiNa_2O_8S_2$ Thiobismol, 1036†

C_6H_6BrN See *Aniline, bromo-*

$C_6H_6BrO_3Sb$ Benzenestibonic acid, *p* bromo-, 1259*

C_6H_6ClN See *Aniline, chloro-*

C_6H_6ClNO Phenol, aminochloro-, 1643*

$C_6H_6ClO_3Sb$ Benzenestibonic acid, *m*-chloro-, 3347*

$C_6H_6Cl_2N_2$ *p*-Phenylenediamine, 2,6-dichloro-, 7750*

$C_6H_6Cl_6$ Cyclohexane, 1,2,3,4,5,6-hexa chloro-, P 7822*, 9112*

$C_6H_6DO_2$ Benzoic acid *d*, 1593†

C_6H_6FN Aniline, 8478†

$C_6H_6FO_3Sb$ Benzenestibonic acid, *p* fluoro-, *and* ¼ *aq* salt, 1289*

C_6H_6IN Aniline, *o*-iodo-, 3694†, 8478†, 9138*

$C_6H_6IO_3Sb$ Benzenestibonic acid, *p*-iodo-, 1289*

$C_6H_6N_4$ Aniline, *N*-sodium deriv , 6791†

$C_6H_6NNaO_3S$ + 2H$_2$O 1-Phenol-4 sulfonamide, Na derivv , 5378*

$C_6H_6N_2O$ (see also *Nicotinamide*) Picolinamide, 6309†

$C_6H_6N_2O_2$ (See also *Aniline, nitro-*) 2 Picoline, 5-nitro-, 4316†

Quinone, dioxime, 7634†

Urea, (2 furfurylidene) , 2677

$C_6H_6N_2O_2S$ Benzenesulfenamide, 2 nitro-, 8557*

$C_6H_6N_2O_3$ Glyoxylyl cyanide, oxime, propionyl deriv , 9637

Phenol, 2,6-dimethoxy-, 5054

Pyridine, 2 methoxy *o*-nitro-, 9305

$C_6H_6N_2O_3S$ Benzenediazonium sulfate, 9300†

Thiene, 2,5- dimethyl - 3,4 - dinitro-, 5824

$C_6H_6N_2O_4S$ 1 Phenol - 4 - sulfonamide, 2 nitro-, 2599†, 7726*

$C_6H_6N_4$ 5 Pyrimidinecarbonitrile, 4-amino-2 methyl , 1733†, P 2909*

$C_6H_6N_4O_2$ Xanthine, 3-methyl , 7738†

$C_6H_6N_4O_3$ Pyrazolo[1,2]pyrazole 1,3,5,7-(2,6) tetrone, 2,6-diamino-, 7298

$C_6H_6N_6O_{12}$ Hexaazacyclododecane 2,6,10-trione-4,8,12 trione, 6246*

C_6H_6O (see also *Phenol*) Furan, 2 vinyl , P 2331, P 1417, 6834†, 9496†

C_6H_6OS Ketone, methyl 2 thienyl, 2032†

C_6H_6OSe Ketone, methyl 2 selenophyl, 6303

$C_6H_6O_2$ (See also *Hydroquinone* *Pyrocatechol* *Resorcinol*)

3-Cyclopentene 1,2-dione, 3-methyl , 9839, 4268*

2-Furaldehyde, methyl-, 2128*, 6421†, 9320†

Ketone, 2 furyl methyl, 2032†, 4593†

1 Penten 2 ynoic acid, 4 methyl , 5682†

$C_6H_6O_3$ Benzenesulfinic acid, 6277†

$C_6H_6O_4$ (See also *Benzenediol* *Pyrogallol*) 1,2 - Cyclobutanedicarboxylic anhydride, 6719†

2-Furaldehyde, (hydroxymethyl) , 5774†, 8530†

2 Furoic acid, 5 methyl , 4953†

$C_6H_6O_5S$ See also *Benzenesulfonic acid*)

3-Thiophenecarboxylic acid, 5 hydroxy 2 methyl , 7772*

$C_6H_6O_6$ 1,4 Furandione, 5-hydroxy 2 (hydroxy methyl) , 1237†

Tetronic acid, 3 acetyl , 4190†

$C_6H_6O_8S_2$ Phenolsulfonic acid, 9040*

Zn *salt*, 4501†

$C_6H_7O_3$ 3 Furanacetic acid, 2,5-dihydro-4 hydroxy 2-oxo-, 4195†

$C_6H_7O_4S$ Benzenesulfonic acid, dihydroxy , *Na salt*, 8307†

$C_6H_8O_4$ (See also *Dehydroisocitric acid*) Aconitic acid, 4574, 1664*, 3701†, 4197*

Adipic acid 1, α, δ-dioxo-, 6248†

Mucomic acid, α, δ-dihydroxy , 6248†

$C_6H_8O_5S$ Benzenedisulfonic acid, 1,3*

$C_6H_8O_7$ Tricarballylic acid, 7171†

$C_6H_8O_8S_2$ See *Benzenedisulfonic acid, di hydroxy-*

C_6H_9N Benzenethiol, 1625

$C_6H_9NNaO_3S$ See *Atoxyl*

$C_6H_9AsO_3$ Benzenearsonic acid, *p* hydroxy-, 1320*, 6263†

$C_6H_9AsO_5S$ Benzenearsonic acid, sulfo-, 7730*.

C_6H_9BClN Aniline, compd. with BCl$_3$, 8583†

$C_6H_9BrNO_3Sb$ Benzenestibonic acid, 3-amino-4-bromo-, 1259*.

$C_6H_9BrN_2O$ Benzamidoxol, 4,6-dibromo-, hydrazine salt, 8814†

C_6H_9Cl 1,3-Cyclohexadiene, 2-chloro-, 4190*

$C_6H_9ClN_2$ Hydrazine, (*p* chlorophenyl) , 5785

p-Phenylenediamine, 2-chloro-, 7750*.

$C_6H_9ClN_2O_3S$ 3 - Pyridinesulfonamide, 6-chloro-5 methyl , 8616†

$C_6H_9ClN_2O_3$ Barbituric acid, 5-chloro-5-ethyl , 140*

$C_6H_9ClN_4O_2$ Benzamidol, 6 - chloro - 4-nitro-, hydrazine salt, 8613*

$C_6H_9ClO_3$ 1 - Cyclopentene - 1 - carbonyl chloride, 3738†

$C_6H_9ClN_4O_2$ Benzamidol, 4,6 - dichloro-, hydrazine salt, 8612*

$C_6H_9Cl_2NO_2$ 2,5 - Pyrroledicarboxylic acid, 3,4-dichloro-, dihydrazide, 2900*

C_6H_9ClO Fb, 933†

$C_6H_9FN_2$ *m* Phenylenediamine, 5 - fluoro-, *-HCl*, 7750*

C_6H_9IS Thiophene, 3-iodo-2,5-dimethyl , 9831†

$C_6H_9KN_2S_3$ Thiazole, 2 acetamido-4 methyl-, K deriv , 7783†

C_6H_9N See *Aniline, Picoline*

C_6H_9NO (See also *Acetamide*) Hydroxylamine, *N*-phenyl , 3431, 6170*, 9300†

Ketone, methyl 2 pyrrolyl , 5394†

3-Pyridol, 6-methyl , 6397†

2(1)-Pyridone, 1 methyl , 2505†

2 - Pyrrolecarboxaldehyde, 1 - methyl-, 5394†

C_6H_9NOS Ketone, aminomethyl 2-thienyl, *-HCl*, 1693†

$C_6H_9NO_2$ 1,2 Cyclobutanedicarboximide, 6719†

Ketone, methyl 5-methyl-3 isoxazolyl , 5611*

$C_6H_9NO_3S$ Ketone, 2 hydroxy 4 - methyl - 5 thiazolyl methyl, 7783†

Pyridine, 3-methyl-5-sulfonyl , 6314†

5-Thiazolecarboxylic acid, 2,4-dimethyl , 6039

$C_6H_9NO_4$ 2 Furoic acid, 5-(aminomethyl) , *salts* 5607†

4 Isoxazolecarboxylic acid, 3,5-dimethyl , 6031†

$C_6H_9NO_5S$ (See also *Sulfanilic acid*) 1 Phenol-4 sulfonamide, 2,3,6-, 5378*

$C_6H_9NO_6$ Pyranose, 4 methylmercapto-, *and HCl*, 6314†

$C_6H_9N_3O$ Pyrazinecarboxamide, 5 methyl , P 4274

Pyridine, aminoformamido-, 9838

5-Pyrimidinecarboxaldehyde, 4 amino-2 methyl , 5394†

$C_6H_9N_3O_2$ Hydrazine, (*p* nitrophenyl) , 4316†, 4213*

$C_6H_9NO_2S$ Uracil, 5 5-dithio-, di Ac deriv , 5997

$C_6H_9N_3O_3$ 3,4 Isoxazolecarboxamide, 5-methyl , Na salt, 5611*

1,2 Propanedione, 1 (4 methyl-3 furazan yl) 1 oxime, 5611*

$C_6H_9NO_3S$ Sulfanilamide, 3 nitro-, 5378

$C_6H_9NO_4S$ Benzenesulfonic acid, *p*-hydroxy , 1259*

$C_6H_9N_3$ (See also *Cyclohexadiene*) 1,3,5-Hexatriene, 5063†

$C_6H_9N_3O_2$ See *Arsanilic acid*

$C_6H_9AsNO_4$ Arsanilic acid hydroxy , 5907†, 6263†

Benzenearsonic acid, aminohydroxy , P 3395*

$C_6H_9AsN_2O_3S$ Benzenearsonic acid, *p*-sulfo-, *and* ¼ *aq* salt, 7750*

C_6H_9BrCl 1 Pentyne, 1 bromo-3-chloro-3-methyl , 4141†

$C_6H_9Br_3$ 2 Thiazole, 5 (2 bromoethyl) 4 methyl , 2258†

$C_6H_9BrN_2$ Pyrimidine, 4 amino-5-(bromomethyl) 2 methyl , 2-*HBr*, P 3531†, 4513*

$C_6H_9Br_2$ Cyclohexene, 1,6-dibromo , P 3572*

$C_6H_9Br_4$ Cyclohexane, 1,2,4,5 tetrabromo-, 5713†

$C_6H_9ClN_2S$ Thiazole, 5 (2-chloroethyl)-4-methyl , P 814 , P 3130*, *HCl*, P 3726*

$C_6H_9ClN_2$ Acetonitrile, (chloroethylimino)- di , P 2913*

$C_2H_2Cl_2$ 1 Cyclohexene, 1,2 dichloro-, 4100ᵉ.
$C_2H_2Cl_2O$ Fiber, bis(2 chloroallyl), 7440ᵉ
$C_2H_2ClNaSbS_3$ 3318ᵉ
$C_2H_2ClN_3$ Acetamidine, ethylenebis[α trichloro-, P 8345ᵉ
$C_2H_2NO_2Sb$ Benzenesulfonic acid, *p* amino-, P 6000ᵉ.
$C_2H_3N_3$ (See also *Hydrazine, phenyl*, *Phenylenediamine*.) Adiponitrile, P 2539ᵉ, P 3308ᵉ, 8067ᵉ
Cyclopentenylpyrazole, 3,4,5,6 - tetrahydro, *and - IICl*, 5850ᵉ
Picoline, amino, P 1757, 4240ᵉ
Pyridine, 3,6 dimethyl, 6232ᵉ
$C_2H_3N_3OS$ Thiazole, 2 - acetamido - 4 - methyl, 7787ᵉ
$C_2H_3N_3O_2$ 2 - Propanone, 1 - (4 - methyl - 3 - furazanyl), 8612ᵉ
$C_2H_3N_3O_2S$ (See also *Sulfanilamide*.) Benzenesulfonamide, *p* - amino-, 5433ᵉ
$C_2H_3N_3O_3S$ Benzenesulfonamide, *p* amino-*N*-hydroxy-, P 9553ᵉ
Benzenesulfone acid, 2,5 - diamino-, 7750ᵉ
— *p* hydrazino-, 3142ᵉ
Hydrazinesulfonic acid, *p* phenyl-, 4841
1 Phenol 4 sulfonamide, 2 amino-, 2,00ᵉ, 5378ᵉ
3 - Pyridinesulfonamide, 1,6 - dihydro-*N* methyl 6 oxo-, 8016ᵉ
$C_2H_4N_2O_2S$ 5 Pyrimidinemethanesulfonic acid, 4 hydroxy 2 methyl-, P 5153ᵉ
$C_2H_4N_2S$ Tropoinnitrile, *β,β'* bis(-, P 5415ᵉ
$C_2H_4N_2O$ 2 Pyrazinecarboxylic acid, methylhydrazide, 7421ᵉ
5 1 Pyrimidinecarboxaldehyde, 4 - amino-2 methyl -, oxime, 1758ᵉ
$C_2H_4N_2OS$ 5 - Thiazolehydroxaldehyde, 4-methyl , semicarbazone, 4242ᵉ
$C_2H_4N_2O_2$ Barbiturc acid, 5 (2 - aminoethylamino) , and *IICl*, 7287ᵉ
Glyoxime, methyl(4 methyl 3 furazanyl)- 8612ᵉ
4(1ᴴ) - Pyrazone, 2,6 dihydroxysemicarbazone, 3763ᵉ
$C_2H_4N_2O_3$ Hydrazine, (4,6 dinitro *m*-phenylene)-2,5-, 5,00ᵉ
$C_2H_4NO_{12}$ Mannitol, hexanitrate, 4423ᵉ, 7201ᵉ
$C_2H_4O_2$ 2 Cyclohexen 1 one, 4580ᵉ
Furan, 2,5 dimethyl , 2133ᵉ, 6121ᵉ
C_2H_4O Aleprolic acid, 8776ᵉ, 8927ᵉ
Cyclopentanedione, 1,4 - 3339ᵉ, 3774ᵉ, 7282ᵉ
2 Cyclohexen 1 one, 3 hydroxy , 4588ᵉ
1,2 Cyclopentanedione, 3 methyl , 9828, P 8213ᵉ
1 Cyclopentene 1 carboxylic acid, 3758ᵉ
2 Cyclohexen 1 one, 2 hydroxy 3 methyl , 1342ᵉ
3 Hexene 2,5 dione, 1760ᵉ
3 Oxetenone acid, 4 hydroxy 2 methyl , γ lactone, 1272ᵉ
4 1 enetyn 2 one, 3 hydroxy 3 methyl , 3372ᵉ
Sorbic acid, 2819ᵉ, 8572ᵉ
Tetrolic acid, 1 ester, 8117ᵉ
$C_4H_5O_3$ Butyric acid, α ocetyl-γ hydroxy , γ lactone, P 8139, P 8273ᵉ
Cyclopentanecarboxylic acid, 2 oxo , *salts*, 5367ᵉ
Glutaric anhydride, α methyl , 6217ᵉ
Succinic anhydride, α,β dimethyl , 6247ᵉ
—, ethyl , 6247ᵉ
$C_4H_6O_3$ Citraconic acid, mono Me ester, 5515ᵉ
1,2 Cyclobutanedicarboxylic acid, 6719ᵉ
Fumaric acid, mono-I t ester, 5375ᵉ
Maleic acid, di-Me ester, 5579ᵉ, 2584ᵉ, 3841ᵉ, mono I t ester, 5375ᵉ
Mesaconic acid, mono Me ester, 5375ᵉ
Valeric acid, α,γ dioxo , Me ester, 2488ᵉ
$C_4H_6O_4$ Acetoacetoxyacetic acid, 6 deoxy-, 1668ᵉ
Ascorbic acid, deoxy-, P 9551ᵉ
Glutaric acid, β methyl α oxo , 4066ᵉ
$C_4H_6O_5$ Malic acid, dioxoacetate, P 5870ᵉ
$C_4H_7O_2$ (See also 'C' under *Vitamins*.)
Arabinoacetone acid, 3?, 3333ᵉ, 8670ᵉ
Glutathionacetone acid, *salts*, P 7149ᵉ
Tricarballylic acid, 1874, 4107ᵉ
$C_4H_7O_3Sb_2$ 2 Benzenedistibonic acid, 1289ᵉ.
$C_4H_7O_3$ (See also *Citric acid*.)
Acetate acid, 2196, 6977ᵉ
Saccharic acid, lactone, 5751ᵉ
Saccharolactone, 7831ᵉ
C_4H_7S Thiophene, dimethyl , 6717ᵉ.
$C_4H_9AlO_3$ See *Aluminum acetate*.
$C_4H_9BO_3$ Boron acetate, 5525, 3360ᵉ, 7815, 7765ᵉ
C_4H_9BrMg 1 Hexynylmagnesium bromide, 6794ᵉ
C_4H_9BrO Cyclohexanone, 2 bromo-, 6255ᵉ
Furan, 3 - bromo - 2,5 - dihydro - 2,5-dimethyl - 4984ᵉ
1-Pentyn 3 ol, 1 bromo-3 methyl-, 4191ᵉ.
$C_4H_9BrO_2$ Crotonic acid, γ bromo , Et ester, 1664ᵉ
2,4 Pentanedione, 3 bromo-3 methyl , 7742ᵉ
$C_4H_9BrO_3$ Levulinic acid, β bromo-, Me ester, 2135ᵉ
$C_4H_9BrO_6Pb_2$ Lead acetate bromide, 4151ᵉ
C_4H_9Cl 1 - Pentyne, 3 - chloro - 3 - methyl-, 1265ᵉ
C_4H_9ClMg 1 - Hexynylmagnesium chloride, 6794ᵉ
$C_4H_9ClN_2O_2$ Asparagine, chloroacetyl , 3404ᵉ.
$C_4H_9ClO_2$ Crotonic acid, γ-chloro-, Et ester, 1662ᵉ
$C_4H_9ClO_3$ Acetoacetic acid, 2 chloroethyl ester, P 8026ᵉ
$C_4H_9Cl_3$ Cyclohexane, 1,1,2 - trichloro , 4100ᵉ
$C_4H_9Cl_3O_2$ Acetic acid, trichloro , Bu ester, 6632ᵉ, see butyl ester, 5806ᵉ
$C_4H_9Cl_3O_3$ Acetic acid, trichloro-, 3 methoxypropyl ester, 6632ᵉ
$C_4H_9Cl_5$ Hexane, 1,1,1,2,2 - pentachloro-, 623,ᵉ
$C_4H_9CrO_6$ Acetoacetic acid, Cr complex, 6264ᵉ
$C_4H_9CrO_8$ See *Chromium acetate*
$C_4H_9DyO_6$ Dysprosium methyl phosphate, 5256ᵉ
$C_4H_9ErO_6P$ Erbium methyl phosphate, 5256ᵉ
$C_4H_9FeO_8$ See *Iron acetate*
$C_4H_9GdO_6P_2$ Gadolinium methyl phosphate, 5256ᵉ
$C_4H_9IN_2$ 2 Amino - 1 methylpyridinium iodide, 6068ᵉ
$C_4H_9IN_2OS$ 5 - Carbamyl - 4,5 - dimethyl thiazolium iodide, 5971ᵉ
$C_4H_9IO_6Pb$ Lead acetate iodide, 4151ᵉ
$C_4H_9MnO_6$ + 2H₂O Manganese acetate, 6670ᵉ
C_4H_9N Pyrrole, ethyl , 5845ᵉ, 6303ᵉ
C_4H_9NO 1 - Cyclopentene 1 carboxamide, 3758ᵉ
C_4H_9NOS (See also *5 Thiazoleethanol, 4 methyl-*.)
$\Delta^{2,4}$ Thiazolidineacetaldehyde, 3 methyl , P 8214ᵉ
$C_4H_9NO_2S$ 4 - Oxazolidinedione, 5 - ethyl 5 methyl 2 thio-, 597ᵉ
$C_4H_9NO_3$ 4 - Oxazolidinedione, 5 - ethyl - methyl - 597ᵉ
$C_4H_9NO_4$ Butyric acid, α,β-dioxo , Et ester, 2488ᵉ
α oxime, 4585ᵉ
$C_4H_9NS_2$ 2 - Thiophenediethylamine, *and - IICl*, 1692ᵉ
$C_4H_9N_3$ Pyridine, aminomethylamino-, P 2150ᵉ
Pyrimidine, 4 amino - 2,5 - dimethyl , 3419ᵉ
$C_4H_9N_3O$ Compd , m 194°, 4204ᵉ
5 - Pyrimidinemethanol, 4 - amino - 2 methyl - 2563ᵉ, 6849ᵉ
$C_4H_9N_3O_2$ (See also *Histidine*.)
Cupferron, 1389ᵉ
2 - Iropanone, 1 - (4 - methyl - 3 - furazanyl) , oxime, 8612ᵉ
$C_4H_9N_3O_2$ Piperazineacetamide, 3,6 dioxo 3103ᵉ
$C_4H_9N_3O_3S$ 5 - Pyrimidinemethanesulfonic acid, 4 amino-2 methyl , P 5131ᵉ
4 Pyrimidinesulfonic acid, 6 amino 2,6 dimethyl , 597ᵉ
$C_4H_9N_3O_4S$ 4(1ᴴ) - Pyrimidinecarboxaldehyde, 4 amino-2 methyl , compd with H_2SO_4, 1738ᵉ
$C_4H_9N_3S$ 5 - Pyrimidinecarboxaldehyde, 4 amino 2 methyl , hydrazone, 1738ᵉ
$C_4H_9NaO_2Pt$, 4953ᵉ
C_4H_9Na 1 Butynyl, Na derv , 1265ᵉ
$C_4H_9NiO_6$ See *Nickel acetate*
$C_4H_9O_6PSb$ Sb Antimonothiolactic acid, 1368ᵉ
$C_4H_9O_7PTb$ Methyl terbium phosphate, 5256ᵉ
$C_4H_9O_7PY$ Methyl yttrium phosphate, 5256ᵉ
$C_4H_9O_7PYb$ Methyl *ytterbium* phosphate 5256ᵉ
C_4H_{10} (See also *Biallyl 1,3 Butadiene, 2,3 dimethyl Cyclohexene Hexadiene Hexyne*.)
Cyclopentane, methylene , 146ᵉ
Cyclopentene, methyl , 146, 4127ᵉ
1,3 Pentadiene, methyl , 125ᵉ, 1660ᵉ, 2111ᵉ, 8174ᵉ, 8175ᵉ, 8561ᵉ
$C_4H_{10}Br_2$ 3 Hexene, 3,4-dibromo-, 2101ᵉ
$C_4H_{10}BrO$ Urethane, bromide, α bromo-α ethyl , 6243ᵉ
Furan, 3,4 - dibromotetrahydro - 2,5-dimethyl , 4984ᵉ
Pinacolone, dibromo derv , 1660ᵉ
$C_4H_{10}Br_2O_2$ Butyric acid, α,γ-dibromo-, Et ester, 4204ᵉ
$C_4H_{10}Br_2O_2S$ Thophene, 3,4 - dibromo-2,3,4,5 - tetrahydro - 2,4 - dimethyl , 1-dioxide, 8564ᵉ
$C_4H_{10}Br_2O_2$ Peroxide, bis(2,2' - dibromoisopropyl), 3330ᵉ
$C_4H_{10}ClNO$ Butyrontrile, α - (2 - chloroethoxy) - 6243ᵉ
$C_4H_{10}ClNS$ 3 - Ethyl - 4 - methylthiazolium chloride, P 2909ᵉ
$C_4H_{10}Cl_2$ Hexane, 1,2 dichloro-, 6235ᵉ
$C_4H_{10}Cl_2O$ 2 Hexanone, 1,1-dichloro-, 6235ᵉ
$C_4H_{10}Cl_2$ Hexane, 1,1,2,2 tetrachloro-, 6235ᵉ
$C_4H_{10}N_2$ Compd , bis below 130°, 4989ᵉ
$C_4H_{10}N_2OS$ — Thiazoleethanol, 2 - amino - 4 - methyl , 4242ᵉ, *HBr*, P 177ᵉ
$C_4H_{10}N_2O_2$ 1,4 Diazocane 5,8 - dione, hexahydro-, P 2909ᵉ
$C_4H_{10}N_2O_3$ Aspartic acid, *N* glycyl , 677ᵉ, 2176ᵉ
$C_4H_{10}N_2S$ Thiazole, 5 (2 - aminoethyl) - 4 - methyl , and - *HCl*, P 2287ᵉ
$C_4H_{10}N_4$ (See also *Metrazole*.)
Pyrimidine, 4 amino - 5 (aminomethyl)-2 methyl , 3419ᵉ, P 5131ᵉ
$C_4H_{10}O$ (See also *Cyclohexanone, Mesityl oxide*.)
3 Butene 2, 2,2-dimethyl , 1660ᵉ
Cyclohexane, 1,2-epoxy , 1676ᵉ
2 Cyclohexen 1 ol, 4580ᵉ
Cyclopentanecarboxaldehyde, 1676ᵉ
Cyclopentanone, 3 methyl , 146ᵉ, 9291ᵉ
Ether, 1,3 butadienyl ethyl, 1660ᵉ
Hexenol, allyl , 2158ᵉ
2 Hexenal, 2-ethyl-
Hexynol, 1658ᵉ, 8570ᵉ
Pentynol, 3 - 4 epoxy-4 methyl , 1660ᵉ
Pentenone, methyl , 8175ᵉ
1 Pentyn-3-ol, 3 methyl , 1264ᵉ
$C_4H_{10}O_2$ 2-Buten 1 ol, 3 methyl , P 8362ᵉ
Butyraldehyde, β,β dimethyl α oxo-, 3369ᵉ, 7721ᵉ
Crotonic acid, Et ester, 6790ᵉ
Cyclobexanone, 2 hydroxy , 596ᵉ
Cyclohexanone, 2 (hydroxymethyl) , 1479, 8180ᵉ
Cyclopropanecarboxylic acid, 1 t ester, 1662ᵉ
Furanol, tetrahydrovinyl , 4990ᵉ
1,5 Hexadiene 3,4 diol, 2107ᵉ
2,5 Hexanedione, 3,4 diol, 1660ᵉ
Hydrogen peroxide, 2 cyclohexen 1 yl, 929,ᵉ
Ketone, methyl tetrahydro-2 furyl, 6866
Methacrylic acid, Et ester 4814, P 2251ᵉ, 7481ᵉ
2,4 Pentanedione, 3 methyl , 136ᵉ
4 Pentenoic acid, Me ester, 8174ᵉ
Peroxide, bis 4 1ᵉ, 3186ᵉ
2 Propen 1 ol, methyl , acetate, P 8362ᵉ
$C_4H_{10}OS$ 1,2 Thiopyran 4 carboxylic acid, tetrahydro-, 4250ᵉ
Thophene, 2,3 dihydrodimethyl , 1 dioxide, 8456ᵉ
$C_4H_{10}O_2S_2$ 1 Propene acid, dithiobis(thio-, *di Et ester*, P 8234ᵉ
$C_4H_{10}O_3$ Acetoacetic acid, Et ester, 1491, 3241ᵉ, 3356ᵉ, 3691ᵉ, 4581ᵉ, 5102ᵉ, 8615ᵉ, 8616ᵉ
Caproic acid, 4 oxo-, 1491, 5853ᵉ
Crotonic acid, β-ethoxy , 1311ᵉ
Cyclopentanecarboxylic acid, 1 hydroxy , *Et salt*, 3758ᵉ
1,3 Dioxolane 4 carboxaldehyde, 2 2 dimethyl , 7270ᵉ, 9287ᵉ
1,3 Dioxolane, 2 ethyl 4 - isopropyl , 8170ᵉ
Ethanol 2 vinyloxy , acetate, P 6312ᵉ
Levulinic acid, α methyl , 1272ᵉ
Propionic acid, β formyl , 1 t ester 1667ᵉ
Valeric acid, 4 formyl , 7258ᵉ
— 5 oxo-, Me ester, 8174ᵉ
$C_4H_{10}O_3$ (See also *Adipic acid*.)
Diethylaldehyde, α methoxy-α methyl , 680,ᵉ
1,3 Dioxolane 4 carboxylic acid, 2,2 dimethyl , Et salt, 6270ᵉ
1,1 Ethanediol, diacetate, 4848, 5263
Glutaric acid, methyl , 4855, 4865, 6247ᵉ
Glycol, diacetate, 132ᵉ
Isomannide, P 3077, 7257ᵉ
Lactic acid, 2 t ester, formate, 2183ᵉ
Oxalic acid, di 1 t ester 1751, 2138ᵉ
Succinic acid, mono Et ester, 3269ᵉ
— di Me ester, 6247, 6256ᵉ
— ethyl , 6247ᵉ
$C_4H_{10}O_3S$ Propionic acid, β,β' thiodi-, P 5415ᵉ

$C_6H_{12}O_4S_2$ Acetic acid, (ethylenedithio)di-, 5823ᵀ
Propionic acid, α,α'-dithiodi-, 965ᵀ
$C_6H_{12}O_4Se$ Propionic acid, β,β'-selenodi-, 4319ᵀ
$C_6H_{12}O_4Se_2$ Propionic acid, β,β'-diselenodi-, 4319ᵀ
$C_6H_{12}O_5$ Altrosan, 1672ᴿ
Arbonne acid, 2-methyl-, lactone, 6245ᵀ.
Galactose, anhydro-, 550ᵀ, 4202ᴿ
Glucose, 3,6-anhydro-, 967ᵀ
Lorbamose, 4295ᵀ
Tagatose, 3,4-anhydro-, 967ᵀ
Talomethylonic acid, lactone, 5357ᵀ, 5572ᵀ.
$(C_6H_{10}O_5)_x$ See *Cellulose Dextrin, Glycogen, Inulin, Lichenin, Starch*
$C_6H_{12}O_5$ Diglycolic acid, α-methoxy-α'-methyl, *and Sr salts*, 6805ᵀ
Galactose and, lactone, 727ᴿ
Galactonolactone, 2109ᵀ
Galactosone, 6251ᵀ
Glucosone, 4073ᵀ
Mannonic acid, lactone, 727ᴿ.
$C_6H_{12}O_5S$ Acetic acid, (ethylenedisulfinyl)di-, 5822ᵀ
$C_6H_{12}O_7$ (See also *Galactouronic acid, Glucuronic acid*)
Diglycolic acid, α (hydroxymethyl)-α'-methoxy-, *Ba salt*, 4303ᵀ
Gulonic acid, keto-, P 1847ᵀ, 2561ᴿ, P 2656ᵀ, 3765ᵀ, P 5166ᵀ
Mannonic acid, 2-keto-, 2357ᵀ
$C_6H_{12}O_8$ Mucic acid, 1776ᵀ, 8529ᴿ, *Na salt*, 4383ᵀ, 7535ᵀ
Saccharic acid, 2398ᵀ *Na salt*, 4583ᵀ.
$C_6H_{12}S$ Allyl sulfide, 6717ᵀ
$C_6H_{12}Br$ Cyclopentane, 1 bromo-3-methyl-, 840ᵀ
3-Hexene, bromo-, 2104ᵀ, 2555ᴿ
$C_6H_{12}BrO$ Cyclohexanol, 2-bromo-, 1676ᵀ, 6253ᵀ
$C_6H_{12}Br_2$ 2 Butanol, 3-bromo-, acetate, 6235ᵀ
Cyclopentane, α bromo-, 6244ᵀ
$C_6H_{12}Br_2$ Bicyclo[2 2 1]thiamum 1 heptane bromide, 4250ᵀ
$C_6H_{12}Br_2$ Hexane, 3,4-tribromo-, 2104ᵀ
$C_6H_{13}Cl$ 1 Butene, 3-chloro-2,3-dimethyl, 4190ᵀ
Cyclohexane, chloro-, P 5414ᵀ, 7744ᴿ, 9412ᴿ
Cyclopentane, (chloromethyl)-, 5803ᵀ
—, 1-chloro-, methyl, 7744ᴿ
2-Pentene, 3-chloro-2 methyl, 4190ᵀ
$C_6H_{13}ClMg$ Cyclohexylmagnesium chloride, 7744ᴿ
2-Methylcyclopentylmagnesium chloride, 7744ᴿ
$C_6H_{13}ClO$ Butyryl chloride, β,β-dimethyl, 1258ᵀ
Butyryl chloride, α-ethyl, 3758ᵀ
Caproyl chloride, 5258ᵀ
$C_6H_{13}ClO_2$ Acetic acid, 4-chlorobutyl ester, 4393ᵀ
Acetic acid, chloro-, *sec* Bu ester, 4194ᵀ, 5806ᵀ
2 Butanone, (2-chloroethoxy) , 6243ᵀ
Formic acid, chloro-, 4a ester, 9183ᵀ
2 Propanone, 1 - (2 - chlorosopropoxy)-, 7733ᵀ
$C_6H_{13}ClO_3$ Ethanol, 2 - isopropoxy , chloroformate, 1274ᵀ
Ethanol, 2 - propoxy-, chloroformate, 1274ᵀ
$C_6H_{13}Cl_3$ Bicyclo[2 2 1]thiamum - 1 - heptane chloride, 4250ᵀ
$C_6H_{13}Cl_3Si$ Hexane, 1,2,2 trichloro-, 6235ᵀ
$C_6H_{13}ClO_2$ 2 Butanone, 1,1,4 trchloro-, 4a, Me ketal, 6232ᵀ
$C_6H_{13}IO$ Cyclohexanol, 2 iodo-, 1676ᵀ, 2559ᴿ
$C_6H_{13}N$ 1 Azabicyclo[2.2 1]heptane, P 6575ᵀ
$C_6H_{13}NO$ Acetonitrile, butoxy-, 5809ᵀ
Cyclohexanone, oxime, 4a, 5359ᵀ
Cyclopentanecarboxamide, 840ᵀ
$C_6H_{13}NOS$ 1,2 - Thiazinan - 4 - carboxamide, tetrahydro-, 4 oxide
$C_6H_{13}NO_2$ Cyclohexyl nitrite, 742ᵀ
Hygric acid, 5324ᵀ.
Isopropenoic acid, *HCl*, 608ᵀ
$C_6H_{13}NO_2S$ 4 - Thiazol linecarboxylic acid, 2,2-dimethyl-, 4 oxide
$C_6H_{13}NO_3$ 1,3 - Dioxolane - 4 - carboamide, 2 - 2 methyl, N - methyl-
$C_6H_{13}NS$ 1 - Piperidinecarbodithioic acid, 5225ᵀ
$C_6H_{13}NO$ Cyclobutanecarboxaldehyde, semi carbazone, 4203ᵀ.
Cyclopentanone, semicarbazone, 145ᵀ, 4a, 5
$C_6H_{13}NO_2$ Butyric acid, γ-formyl-, semi carbazone, 7245ᵀ
$C_6H_{13}NO_2$ Alaserpicene, 4a glycyl , 3434ᵀ
2,4(1,3) - 4 - Thiazolidine, dihydro - 6 - methyl , acetate, 2256ᵀ

C_6H_{14} (See also *Cyclohexane, Cyclopentane, methyl-, Hexene, Pentene, methyl-*)
Butene, dimethyl-, 2104ᵀ, 3758ᵀ, 4957ᵀ, 6233ᵀ, 7335ᵀ4ᵀ
—, ethyl , 6793ᵀ4
Cyclobutane, ethyl , 6232ᵀ
Hexamethylene, 9230ᵀ.
Isobexene, 7746ᵀ
$C_6H_{14}BrN$ 1,1 - Dimethylpyrrolonium bromide, 984ᵀ.
$C_6H_{14}Br_2$ Hexane, dibromo-, 2103ᵀ, 6791ᵀ
$C_6H_{14}Br_2O$ 2,3-Hexanediol, 3,4-dibromo-, 4983ᵀ
$C_6H_{14}ClNO$ 1,1 - Dimethyl - 2 - pyrrolonium perchlorate, 984ᵀ
$C_6H_{14}ClNO_2$ Carbamic acid, (2-chloroethoxy) , *semicarbazone*, 6243ᵀ
$C_6H_{14}Cl_2$ Hexane, 3,4-dichloro-, 4157ᵀ
$C_6H_{14}Cl_2Mg$ O - Acetone, compd with MgCl, 1263ᵀ
$C_6H_{14}Cl_2O$ Ether, 1-chlorobutyl 2-chloroethyl, 6232ᵀ
Ether, chloro-*tert* butyl 2-chloroethyl, 3761ᵀ.
—, 2-chloroethyl 1 (chloromethyl)propyl, 3761ᵀ
—, 2 chloroethyl 2 - chloro - 1 - methylpropyl, 3761ᵀ
$C_6H_{14}ClN$ Triethylamine, 2,2',2''-trichloro-, 125ᵀ
$C_6H_{14}ClNO_2$ Glycine, Cr complex, 6264ᵀ
$C_6H_{14}ClNO_4$ 3H2O Ammonium chromium oxalate, 3101ᵀ
$C_6H_{14}IN$ 1,1 - Dimethyl - 2 - pyrrolinium iodide, 984ᵀ
$C_6H_{14}N_2$ Butyrromalit, α-dimethylamino-, 4584ᵀ
Glycinonitrile, Λ, Λ-diethyl , 4584ᵀ
Isobutyronitrile, α - dimethylamino-, 4584ᵀ
$C_6H_{14}N_2O$ Butyraldehyde, β,β - dimethyl-α-oxo-, hydrazone, 3362ᵀ
Hygramine, *and salts*, 5394ᵀ
$C_6H_{14}N_2O_2$ Acetamide, Ν, Ν'-ethylenebis-, 4210ᵀ.
Butyric acid, β,β-dimethyl-α-oxo-, hydrazone, *hydrazine salt*, 6244ᵀ.
Urea, pivalyl , 2107ᵀ.
$C_6H_{14}N_2O_3S_2$ Taurine
$C_6H_{14}N_2O_4$ Butyric acid, α,γ-diamino-, oxalate, 5176ᵀ
$C_6H_{14}N_2O_4S_2$ Alanine, β,β'-disulfinyldi-, 2196ᵀ
$C_6H_{14}N_2S_2$ Carbamic anhydride, tetramethylthio-, 9043ᵀ
$C_6H_{14}N_2S_4$ Formamide, α,α' - dithiobis[Ν, Ν-dimethylthio-, 9043ᵀ
$C_6H_{14}N_4$ See *Hexamethylenetetramine*
$C_6H_{14}O$ (See also *Cyclohexanol, 2-Hexanone, Hexanol*)
Caprosalehyde, 1229ᴿ, 2129ᵀ
Cyclopentanethanol, 5804ᵀ
Cyclopentanol, 3-methyl , 1465, 9294ᵀ.
Furan, tetrahydrotrihydro-, 6390ᵀ
Hexane, 3,4-epoxy-, 2677
2 Pentanone, 4-methyl , 3335ᵀ, 9050ᵀ
Pentanol, 3 - methyl , 1253, 3756ᵀ, 4579ᵀ, 8175ᵀ, 9092ᵀ
Pinacolone, 1267ᵀ, 1660ᵀ, 3332ᵀ, 5357ᵀ, 9255ᵀ
Pyran, tetrahydro - 2 - methyl-, 5390ᵀ
$C_6H_{14}OS$ Acetic acid, thiol , isobutyl ester, 1659ᵀ
1,2 - Thapyran - 4 - methanol, tetra hydro-, 4259ᵀ
$C_6H_{14}OS_2$ Butanethanthic acid, 1 methyl-, *salts*, 8474ᵀ
Isoamylxanthic acid, *salts*, 8574ᵀ
Propylxanthic acid, isopropyl , *salts*, 8574ᵀ
$C_6H_{14}O_2$ (See also *Caproic acid*)
Acetic acid, Bu ester, 231, 1325, 2659, 4561, 6795ᵀ, 8575ᵀ, 8667, 6091ᵀ, 7636ᵀ, 7731ᵀ, 8071ᵀ, 8174ᵀ, P 8210ᵀ, 8427ᵀ, 8563ᵀ, *sec-Bu ester*, 1257, 4194ᵀ, 5806ᵀ, *tert Bu ester*, 1324, 5506ᵀ, 8174ᵀ, isobutyl ester, 1325, 8427ᵀ
Butyric acid, Et ester, 4581, 6692ᵀ, 7636ᵀ, 8163ᵀ
—, β,β-dimethyl, 1259ᵀ
—, α methyl , Me ester, 8173ᵀ
Cyclohexanediol, 1,4, 2210ᵀ, 6235ᵀ.
Cyclopentanemethanol, 2 hydroxy , 1477
Dioxane, dimethyl , 3761ᵀ, 8167ᵀ
1,3 Dioxolane, 2-ethyl 2 methyl , 8167ᵀ
Ethanol, 2 (2 methylallyloxy) - , P 2813ᵀ
Formic acid, isoamyl ester, 2459ᵀ, 3758ᵀ
Hexanone, hydroxy , 2103ᵀ, 8571ᵀ.
3 Hexene 2, 5-diol, 4a 3ᵀ
Hydrogen peroxide, 1 methylbutyl, 8167ᵀ
Isobutyric acid, 1 ester, 4581.
Isocaproic acid, 7653ᵀ
Isovaleric acid, Me ester, 3759, 8173ᵀ

2-Pentanone, 4-hydroxy-4-methyl , P 8817ᵀ, 8555ᵀ, P 7315ᵀ
Pivalic acid, Me ester, 8173ᵀ.
Valeric acid, Me ester, 8173ᵀ.
$C_6H_{14}O_2S$ 1,3 - Dioxathiane, 2,4,6 - trimethyl-, 9140ᵀ.
Propionic acid, β-methylmercapto-, Et ester, 2106ᵀ
$C_6H_{14}O_3$ (See also *Metaldehyde; Paraldehyde*)
Acetic acid, ethoxy-, Et ester, 1662ᵀ
Butyraldehyde, 2 - hydroxy - α - methyl-, compd with formaldehyde, 7734ᵀ
Butyric acid, γ-carboxy-, 5531ᵀ
—, α-ethyl-α hydroxy-, 6241ᵀ
—, α - hydroxy - β,β - dimethyl-, 7731ᵀ
—, α-methoxy-, Me ester, 8174ᵀ
Carbonic acid, Bu Me ester, 6692ᵀ, Et iso Et ester, 6692ᵀ, Et Pr ester, 6692ᵀ
1,3 - Dioxolane - 4 - methanol, 2,2 - di-, 3817ᵀ, 7276ᵀ, 7277ᵀ, 9235ᵀ
Hydroxyacetic acid, 1 - hydroxycyclohexyl, 8376ᵀ
2 - Pentanone, 3,4 - dihydroxy - 4-methyl, 6796ᵀ
Valeric acid, α-hydroxy-, Me ester, 8173ᵀ
—, α methoxy-, 8174ᵀ
$C_6H_{14}O_4$ Butyric acid, α,β-dihydroxy-, Et ester, 6796ᵀ
$C_6H_{14}O_4S$ Propionic acid, α-(isopropylsulphinyl)-, 4114ᵀ
Propionic acid, α - (propylsulfonyl)-, 4114ᵀ
$C_6H_{14}O_4S_2$ α Dithiane, 5,5-dimethyl , disulfone, 1682ᵀ
$C_6H_{14}O_5$ (See also *Rhamnose*)
Arabinopyranoside, methyl , 5503ᵀ.
Arabinose, 2-methyl , 6243ᵀ
Arabinoside, β methyl , 6503ᵀ.
Fructomethylose, 1275ᵀ
Fucose, 5503ᵀ, 8199ᴿ.
Galactose, 2-desoxy , 4963ᵀ.
Lyxopyranoside, methyl , 4963ᵀ, 5503ᵀ
Lyxoside, α-methyl-, 6503ᵀ.
Sorbitan, 2674ᵀ
Styracitol, 2173ᵀ, 5050ᵀ.
Tetramethylose, 5393ᵀ
Talomethylose, 5531ᵀ
$C_6H_{14}O_6$ (See also *Fructose; Galactose; d-Glucose, Inositol, Mannose, Sorbitol*)
Allose, 4963ᵀ
Altrose, 2109ᵀ.
Arabonic acid, 2 methyl-, *and ammonium salt*, 6245ᵀ
Idose, 4733ᵀ
Rhamnonic acid, 4193ᵀ
Tarotose, 3764ᵀ
Talomethylonic acid, 5337.
Talose, 6241ᵀ
$C_6H_{14}O_7$ (See also *Galactonic acid, Gluconic acid*)
Altronic acid, 2109ᵀ
Mannonic acid, 5429ᵀ
$C_6H_{14}S_2$ Trithiane, 2,4,6-trimethyl , 9140ᵀ, 4a
$C_6H_{13}Br$ Hexane, 3 bromo-, 2103ᵀ, 4187ᵀ
$C_6H_{13}BrO$ 2 Butanol, 3-bromo-2,3-dimethyl-, 1253ᵀ
Ether, 4-bromobutyl ethyl, 5551ᵀ.
—, 2 bromoethyl butyl, 2120ᵀ
$C_6H_{13}BrO_2$ Acetaldehyde, bromo-, di Et acetal, 6793ᵀ
$C_6H_{13}BrO_3Te$ Carboxymethyldimethyltellurium bromide, Et ester, 2453ᵀ
$C_6H_{13}Br$ Ν 3 - Bromo - 1,1 - dimethylpyrrolidinium, 984ᵀ
Butylammonium, 4-bromo - Ν, Ν - di methyl , *HBr*, 984ᵀ
$C_6H_{13}Cl$ Butane, chlorodimethyl , 1233ᴿ.
Hexane, 1 chloro-, 1214ᵀ, 1545ᵀ
Pentane, chloromethyl , 121ᵀ
$C_6H_{13}ClHg$ 3,3 - Dimethylbutylmercury chloride, 1233ᵀ
1,2,2 Trimethylpropylmercury chloride, 1233ᵀ
$C_6H_{13}ClO$ Ether, *sec* butyl 1-chloroethyl, 3759ᵀ
$C_6H_{13}ClO_2$ Acetaldehyde, chloro-, di Et acetal, 6793ᵀ
Butyraldehyde, β-chloro-, di Me acetal, 1635ᵀ
Ethanol, 2 - (2 - chloroisobutoxy)-, P 3313ᵀ
—, 2 - (2 - chloro - 1 - methylpropoxy)-, 3761ᵀ
$C_6H_{13}I$ Hexane, 1 iodo-, 4123ᵀ
$C_6H_{13}IN_2$ (Cyanoethyl)trimethylammonium iodide, (Cyanomethyl) ethyldimethylammonium iodide, 4a 4ᵀ
$C_6H_{13}N$ (See also *Cyclohexylamine.*)

3 - Butenylamine, *N,N* - dimethyl , 9844.
Piperidine, 1-methyl-, 9172
Pyrrolidine, 1,2-dimethyl , 5845.
—, 1-ethyl-, 2845, 6203
$C_6H_{13}NO$ Acetamide, *N*-butyl-, 3694.
8117
Acetamide, *N,N*-diethyl , 6718
2-Butanone, 4-dimethylamino- , 1491, 4195
Cyclohexanol, 4 amino-, *P* 5003, *and* - *HCl*, 5814
1,1 - Dimethyl - 2 - pyrrolinium hydroxide, 9841
Isocaprolactam, 8408
2-Pentanone, 4 methyl , oxime, 3694
2 Piperidinemethanol, 3379
2 Pyrrolidinemethanol, methyl , *and chloroxalate*, 5394
$C_6H_{13}NO_2$ (See also *Leucine*, *Norleucine*)
Caproic acid, amino-, 3221, 5259, 8616
Carbamic acid, Am ester, 8117, isoamyl ester, 5394, 8117
Glycine, *N* butyl , 8683.
Isoleucine, 6259, 6455
$C_6H_{13}NO_3$ Carbamic acid, 2 isopropoxyethyl ester, 2988.
2 propoxyethyl ester, 2988
Ethanol, 2 - isopropoxy-, carbamate, 1274
—, 2 propoxy-, carbamate, 1274
2 Pentanol, 5 methyl 3 nitro-, P 179
$C_6H_{13}NO_5$ (See also *Glucosamine*)
Arabonamide, 2 methyl , 6245
$C_6H_{13}NS$ Butyramide, α ethylthio-, 1274
$C_6H_{13}NS_2$ 1,1 - ivaldithedyl , semicarbazone, 5371
$C_6H_{14}N_2O_2$ 2 - Butanone, 3 hydroxy - 3 methyl , semicarbazone, 7734
$C_6H_{14}N_2O_3$ See *Citrulline*
$C_6H_{14}O_3P$ (See also *Glucose phosphates*)
Galactose - 1 - phosphoric acid, *and salts*, 8176
Inositolphosphoric acid, 4610
$C_6H_{14}O_6$ Glucose acid, phosphate, 6705
C_6H_{14} See *Butane, dimethyl-*, *Hexane*
Pentane, methyl-
$C_6H_{15}BrSi$ Silane, 6-bromo-, 1200
$C_6H_{15}ClHgS_2Si$ Silane, *ethyl isobutyl*, *compd* with HgCl$_2$, 1659
$C_6H_{15}Hg_2O_4P$ Phosphoric acid, dipropyl-, 3330
Mercury, dipropyl , 9139
$C_6H_{15}Hg.O.Se$ Propylmercury selenite, 1267
$C_6H_{15}I$ 1,1 - Dimethylpyrrolidinium iodide, 9841
$C_6H_{15}N$ Cyclohexanediamine, 4208, *and HCl salts*, 3761
Piperazine, 2,5 dimethyl , 2128
$C_6H_{15}NO$ Leucinamide, 3221
$C_6H_{15}NO_2$ (See also *Lysine*)
Butyric acid, α-hydrazino-β,β-dimethyl , 6241
Caproic acid, α hydrazino-, 6244
$C_6H_{15}NO_3S$ See *Cysteine*
$C_6H_{15}NO_5$ Citric acid, trihydrazide, 7737
$C_6H_{15}O_3P$ (see also *Hexanol, Hexyl alcohol*
Isopropyl ether; *Propyl ether*)
Phosphonic dimethyl , 1258, 9727, 1660
—, ethyl , 1221, 6793
Ether, tert butyl ethyl, 6692.
Pentanol, methyl , 9727, 4190, 7273, 8175
Pinacolyl alcohol, 1267, 2104
$C_6H_{16}OSi$ Propenesilane acetal, 2 - methyl , Et ester, 4457
$C_6H_{16}O_3$ Acetal, 3MS, 1178, 2922, *P* 8210, 9356
1-Butanol, 4-ethoxy-, 5851
Ethanol, 2 butoxy , 9222
Hexanetriol, 1,2,6, 4593, 5358
2,4 Pentanediol, 2 methyl-, 8174
Pinacol, 4562, 12
Propane, 1,3 - dimethoxy - 2 - methyl , *P* 3813
$C_6H_{16}O_4$ Ethanol, 2 - (2 - ethoxyethoxy)-, 2213, 2787, 4654
2 Propanol, 1,1'-oxydi , 4659
$C_6H_{16}O_4Si$ Dimethyl sulfite, 6570
$C_6H_{16}O_5$ 1 Ihanol, 2,2 ' ethylenedioxydi , 2213
Glycol, bis(dimethyl acetal), 2107, 3134
$C_6H_{16}O_5S$ Propyl sulfate, 5350
$C_6H_{16}O_7$ Ethanol, 6790
Gulomethylitol, 5331
Rhamnitol, 5331
Talomethylitol, 5331
$C_6H_{16}O_8$ See *Dulcitol Mannitol Sorbitol*
$C_6H_{18}S$ 3-Hexanethiol, 4187
Isopropyl sulfide, 1663.
Propyl sulfide, 1661
Sulfide, amyl methyl, 1265
—, ethyl isobutyl, *compd. with HgCl$_2$*, 1659.
$C_6H_{18}Al$ Aluminum, triethyl-, 5820
$C_6H_{18}AsO_3$ Ethyl arsenite, 4815.
$C_6H_{18}BO_3$ Borane, dusopropoxy-, 8132.
$C_6H_{18}BO_3$ Ethyl borate, 6719.
$C_6H_{18}Bi$ Bismuthine, triethyl-, 5820
$C_6H_{18}Bi_2$ Bismuthine, *tris(ethylmercapto)-*, 1279
$C_6H_{18}BrO_3$ Pinacol, compd with HBr, 1268
$C_6H_{18}BrPb$ Triethyllead bromide, 3346
$C_6H_{18}ClN_3O_3$ 6244
Choline, chloride, carbamate, 1395, 2294, 3393
$C_6H_{18}ClO_4Ti$ Titanium, chlorotriethoxy , 4103
$C_6H_{18}ClSi$ Triethyllead chloride, 5819.
$C_6H_{18}ClHgNO_3$ (Chloromercuri)tris(2 - hydroxyethyl)ammonium chloride, 1659
$C_6H_{18}N$ (See also *Triethylamine*)
Butylamine, 2-ethyl-, *compd with NH$_4$-SO$_3$H*, 4543
Dusopropylamine, 4269
Dipropylamine, 5331, 2396, 3694, 4269
Hexylamine, *compd. with NH$_4$SO$_3$H*, 4543
$C_6H_{18}NO$ Butanol, 4 - dimethylamino-, 9845, 4193
1,1 - Dimethylpyrrolidinium hydroxide, 9841
Ethanol, 2-diethylamino-, P 1731, P 1101
3-Hexanol, 2 amino-, P 8335
2 - Pentanol, 3 - amino - 3 - methyl , P 2149
4 - Pentanol, 1 - Propanol, 3,3' - iminodi , 4182.
$C_6H_{18}NO_3S$ See *Triethanolamine*
$C_6H_{18}N_2$ 2 - *Propanesulfenamide, N,N,1,2* trimethyl , 4950
$C_6H_{18}N_3$ Triazine, hexahydro 1,3,5 - trimethyl , 8181
$C_6H_{18}NaSn$ Sodium triethylstannide, 5370
$C_6H_{18}OPS_2$ Ethyl thiophosphate, 1277
$C_6H_{18}OP$ Ethyl phosphite, 4815, 6156
$C_6H_{18}OP$ Ethyl phosphate, 1277
$C_6H_{18}OnPrS_2 + nH_2O$ Ethyl praseodymium sulfate, 2690, 6101
$C_6H_{18}OnS_2Sm$ + 9H$_2$O Ethyl samarium sulfate, 6101
$C_6H_{18}PS_2$ Ethyl thiophosphite, 1277
$C_6H_{18}Pb$ Lead, triethyl , 9928
$C_6H_{18}SbS$ Ethyl thioantimonite, 1277
$C_6H_{18}Sn$ Stannyl, triethyl-, 5337
$C_6H_{18}FeN_6$ Ammonium ferrocyanide, P 3977
$C_6H_{19}N_3$ 1,6-Hexanediamine, P 893, 8009
$C_6H_{20}NO$ *Ethanolamine, 2-(2,2-diethylhydrazino)-*, 5356.
Ethylenediamine, *N,N,N',N'*-tetramethyl , *dihydrate, and salts*, 8204
$C_6H_{14}N_2O_7$ Choline, carbamate, 3456, 8238
$C_6H_{15}NO_4PBr_3 + H_2O$, 6744
$C_6H_{15}O_3Sn$ Triethyltin hydroxide, 5357
$C_6H_{15}CrN_3O_9S_3$ 5314
$C_6H_{15}MoNO_9S_3$ 5765
$C_6H_{15}NO_3$ (2 Hydroxypropyl)trimethylam monium hydroxide, *P* 3415
$C_6H_{15}AsBr_2Pb$ Arsine, trimethyl-, compd with PdBr$_2$, 4488
$C_6H_{15}BN$ Borine, trimethyl-, compd with MeN, P 3907
$C_6H_{15}MoNNaO_9S_3$ 5765
$C_6H_{15}O_6$ Galactose acid, 2,3,5,6-tetra- methyl , 5366
$C_6H_{15}O_3P$ See *Phytic acid*
$C_6H_{15}Pt_2$ Platinum, hexamethyldi , 1267
$C_6H_{15}AsI_2Pb$ Arsine, *trimethyllead iodide, compd with ethylenediamine*, 6237
$C_6H_{15}Cl_2CoN_3O_3 + H_2O$, 8136
$C_6H_{15}Cl_2CoN_3O_4$ 8136
$C_6H_{15}Cl_2NiO_3 + H_2O$, 8136
$C_6H_{15}BrClCrN_3O_9S_3$ 4943
$C_6H_{15}ClNiRBr_2$ 9243
$C_6H_{15}CoCrN_3O_9S_3$ 4943
$C_6H_{15}ClCrN_3O_9S_3$ 4543
$C_6H_{15}CrO_3N$, 6264
$C_6H_{15}CrBr_2LiN_4O_9$ 4943
$C_6H_{15}Mo_2NO_9S_3$ 6765
$C_6H_{15}BrCoN_6 + H_2O$, 2365
$C_6H_{15}ClN_4Pt$, 8136, 9135
$C_6H_{15}CoFN_3O_9S_3 + 3H_2O$, 7690
$C_6H_{15}CoFeN_6O_{24} + 4H_2O$, 7690
$C_6H_{15}Co_2N_3O_{12} + H_2O$, 7690
$C_6H_{15}CrFeN_3O_{24}S_3 + 4H_2O$, 7690
$C_6H_{15}N_3Si_2Se$, 7685
$C_6H_{15}NaNi$, 5314
$C_6H_{15}NaZn$, 5314
$C_6H_{15}BrMgN_4$, 6791
$C_6H_{15}ClMgN_4$, 6794.
$C_6H_{15}N_2O_5$ Pyrazolo[1,2]pyrazole-1,2,3,5,6,-7 hexone, 2,6-dioxime, *K deriv.*, 7238
$C_6H_{15}MnO_7$ Potassium oxalatomanganate (III), 9367
$C_6H_{15}MoN_3O_{15}$ 377
$C_6L_2O_{12} + 10H_2O$ Lanthanum oxalate, 2703
C_6MoO_3 Molybdenum carbonyl, 1568
$C_6N_4Na_2O_4 + 4H_2O$ Pyrazolo[1,2]pyrazole-1,2,3,5,6,7 hexone, 2,6-dioxime, 7238, 7239
$C_6N_4Na_2O_8 + 1$ 5H$_2$O Pyrazolo[1,2]pyrazole-1,3,5,7(2,6) tetrone, 2,6-disonitro-, 7239, 7238
$C_6N_4O_2$ Quinone, tetrakis(trazo), 7285.
C_6O_6W Tungsten carbonyl, 1568
$C_6O_{12}Sn_2$ Stannic oxalate, 6787
C_6HCl_3O Benzaldehyde, pentachloro-, *and NaHSO$_3$ deriv* , 3776
$C_6HCl_3O_2$ Benzoic acid, pentachloro-, 3776
C_6H_2BrClO *Benzoyl chloride*, 2,4,6-tribromo-, 6275
$C_6H_2Cl_2F_2NO_4S$ Sulfonide, 2,4-dichloro-6-nitrophenyl trifluoromethyl, P 7586
$C_6H_2Cl_2FNO_4S$ Sulfone, 2,4-dichloro-6-nitrophenyl trifluoromethyl, P 7586
$C_6H_2Cl_3O$ Benzoyl chloride, 2,4,6-trichloro-, 6275
$C_6H_2Cl_4O_2$ Benzene, 1,2,3,4 tetrachloro-5,6-methylenedioxy , 477
C_6H_2ClNO Benzaldehyde, pentachloro-, *phenyl hydrazone*, 3776
$C_6H_2N_4O_7$ Isocyanic acid, picryl ester, 540
$C_6H_3NO_2$ Benzoyl azide, 2,4,6 trinitro-, 5091
$C_6H_3BaBiO_8$ Dermatol, Ba deriv , 171
$C_6H_3BrCl_2O$ Benzoic acid, bromodichloro-, P 5091
$C_6H_3BrN_2O_5Se$ Selenocyanic acid, 4 bromo-2-nitrophenyl ester, 4971
$C_6H_3Br_2NO_2$ Benzoyl azide, 3,5-dibromo-, 1318
$C_6H_3Br_3O$ Benzaldehyde, tribromo-, 4212
$C_6H_3Br_3$ Toluene, α,α,4,5-pentabromo-, 4218
$C_6H_3ClHNO_3$ Benzoic acid, 2-chloro-4 iodo-5-nitro , 1283
$C_6H_3ClI_2O_2$ Benzoic acid, 4-chloro-3,5-di-iodo-, P 5091
$C_6H_3ClN_3O_5$ Benzoyl chloride, dinitro-, 1609, 6275
$C_6H_3ClN_4O_6$ Benzoic acid, 2-chloro-4,5-dinitro-, 1282
$C_6H_3Cl\ NO_2$ Benzaldehyde, 4,5-dichloro-2 nitro , 5031
C_6H_3ClO Benzoyl chloride, 2,4-dichloro-, 6275
$C_6H_3Cl_3$ Benzene, 1,2,3 trichloro-4,5-methylenedioxy-, 5409
Benzoic acid, 2,4,5-trichloro-, P 5091
$C_6H_3ClN_2O_4$ Benzene, α-,α'-,3,5 tetrachloro-2 nitro-, 5031
$C_6H_3N_3O_5$ Isocyanic acid, 2,4-dinitrophenyl ester, 5031
$C_6H_3NO_3$ Benzal bisbyde, trinitro-, 9295
$C_6H_3NO_5$ Benzoic acid, trinitro-, 2023, 9295
$C_6H_3N_3O_7$ Benzoyl azide, 2,4-dinitro-, 5405
$C_6H_3BrClO_2$ Benzoic acid, bromochloro-, P 5091
C_6H_3BrClO Benzoyl chloride, bromo-, 5269, 6275
$C_6H_3BrCl_2O$ Benzoic acid, bromochloro-, P 5091
C_6H_3BrClO Benzoyl chloride, 2-bromo-2-chloro-, P 5091
$C_6H_3BrN_3O$ Benzoyl azide, *p* bromo-, 6746
$C_6H_3Br_2O$ Quinol, 2,5-dibromo-3 meth 1656
Salicylic acid 3, 5-dibromo-, P 5091
$C_6H_3Br_2O_2$ Guaiacol, tetrabromo-, 349
$C_6H_3ClF_3O$ Benzoic acid, 3-chloro-4 fluoro-, P 5091
$C_6H_3ClF_3S_2$ Trifluoro-m tolylmercury chloride, 1694
C_6H_3ClO Benzoyl chloride, o-iodo-, 5269
$C_6H_3ClO_2$ 1,2 Benzotriohat 3(2)-one, 5 chloro-, 1727
$C_6H_3ClNO_3$ Benzoyl chloride, nitro-, 5269, 6275
$C_6H_3ClNO_3$ Benzoic acid 2, chloro-4 hydroxy 5-nitro-, 1253
$C_6H_3ClN_2O_5$ Benzoic acid, 5-amino-4-chloro-2 nitro-, P 5091
$C_6H_3ClN_4O_7$ 1,2,3 Benzotriazole 6-carboxylic acid, 5-chloro-1 hydroxy , 1253
$C_6H_3ClN_4$ Carbamidonitrile, 2,4-dichloro-, 1683
$C_6H_3Cl_2O$ Benzaldehyde, 2,6-dichloro-, 3776
Benzoyl chloride, chloro-, 5269, 6275
$C_6H_3Cl_2O_2$ Benzene, 1,2-dichloro-4,5-methylenedioxy , 547
$C_6H_3Cl_2O_3$ Salicylic acid, 3,5-dichloro-, *and Ca salt*, 2124

$C_7H_4Cl_2O_2S_2$: Benzoic acid, 3,5-bis(chlorosulfonyl), P 3396
$C_7H_4Cl_2S$: Cyclohexene, pentachloro(trichloromethyl), 1281
$C_7H_4F_3NO_2$: Toluene, *α* trifluoro-*m*-nitro-, 5527
$C_7H_5NO_3S$: Saccharin, Na deriv , 1692
$C_7H_5NS_2Tl$: Benzothiazole, 2 mercapto-, Tl deriv , 9201
$C_7H_5N_3O_4$: Benzonitrile, nitro-, 1726
$C_7H_5O_2Se$: Selenocyanic acid, nitrophenyl ester, 154
$C_7H_5O_2N$: Isocyanic acid, *o*-nitrophenyl ester, 549
$C_7H_5O_4Se$: See *Benzoic acid, dinitro-*
$C_7H_5O_7N$: Benzoyl azide, nitro-, 5405
C_7H_6: Mesonaphthene, 1960
C_7H_6BrO: Benzaldehyde, 3-bromo-4-chloro-, P 5004
C_7H_6BrCl: Toluene, *α*-bromo-*α*, *α*-dichloro-, 1521
$C_7H_6BrClO_2S$: 2-Thophenecarboxylic acid, 3 (bromomethyl)-4,5-dichloro-, Me ester, 3827
C_7H_6BrFNO: Benzamide, 3 bromo-4-fluoro-, P 5004
C_7H_6BrINO: Benzamide, 3 bromo-4 iodo-, P 5004
$C_7H_6BrNO_3$: Toluene, *α* bromo-3,5-dinitro-, 3794
C_7H_6BrO: Benzaldehyde, *m* bromo-, 1677
Benzoyl bromide, 3347, 5260
$C_7H_6BrO_2$: Benzoic acid, bromo-, 5730, *aranyl salt*, 2485
C_7H_6BrCl: Toluene, *α*, *α*-dibromo-*α*-chloro-, 1521
C_7H_6BrNO: Benzamide, 3,4-dibromo-, P 5004
C_7H_6BrNO: Toluene, *α*, *α*-dibromo-*p*-nitro-, 8393
$C_7H_6BrN_3O$: Benzotriazole, 4,6-dibromo-1-methoxy , 8613
Benzotriazole, 5,7-dibromo-1 methyl-, 3-oxide, 8613
$C_7H_6Br_2$: Toluene, *α* tribromo-, 1521
C_7H_6ClNO: Benzamide, 4-chloro-3-iodo-, P 5004
$C_7H_6ClNO_2$: Benzenediazohydroxide, (chloroformyl) , 5411
$C_7H_6ClNO_2S$: 1 Isobenzo-1,2,3-dithiazole, 1-chloro, methoxy-4-nitro-, 7782
C_7H_6ClN: Anthranilic acid, 5-chloro-3-nitro-, 4991
Toluene, 5-chloro-2,4-dinitro-, 1286
$C_7H_6ClN_3O_2$: 2,5-Pyrroledicarboxamide, 3-chloro-4-cyano-, 2901
C_7H_6ClO: See *Benzaldehyde, chloro-. Benzoyl chloride*
C_7H_6ClO: See *Benzoic acid, chloro-*
C_7H_6ClO: Benzoic acid, 3-chloro-2-mercapto-, 1727
$C_7H_6ClO_3$: Salicylic acid, chloro-, 8181, *and salts*, 2124
$C_7H_6ClO_3S$: Benzoic acid, *m*-(chlorosulfonyl) , P 1726, 6277
$C_7H_6ClO_4$: Benzoic acid, *p*-iodo-, dichloride, 8181
C_7H_6Cl: Benzyldenedimune, dichloro-, 5823
$C_7H_6Cl_2NO$: Salicylamide, 3,5-dichloro-, 7706
$C_7H_6Cl_2N_2O$: Benzotriazole, 4,6-dichloro-1-methoxy-, 8613
Benzotriazole, 5,7-dichloro-1 methyl-, 3-oxide, 8613
$C_7H_6Cl_2N_2O$: Aniline, 2,4-dichloro-*N*-methyl-*N*-nitroso-, 3341
$C_7H_6Cl_2$: See *Toluene, trichloro-*
$C_7H_6Cl_6$: Cyclohexane, 1,2,3,4,5,6-hexachloro-1 (chloromethyl) , 1258, 1259
C_7H_7DO: Benzaldehyde-*d*, *and comp with* Al(OEt)$_3$, 2
$C_7H_7DO_3$: Benzoic acid, 4450 Salicylaldehyde-*d*-*d*, 2195, 9138
C_7H_7FO: Benzoyl fluoride, 3347
$C_7H_7FO_3$: Salicylic acid, 5-fluoro-, 8593
C_7H_7F: Toluene, *o*-trifluoro-, 1521
$C_7H_7FO_3S$: Toluenesulfonic acid, *o*-trifluoro-, 6733, P 6612
C_7H_7NO: Toluene, 5-iodo-2,4-dinitro-, 1286
C_7H_7IO: Benzoyl iodide, 3347
$C_7H_7IO_2$: Benzoic acid, iodo-, 5730, *and ammonium salt*, 3371
C_7H_7N: See *Iora nitrile*
C_7H_7NO: Isocyanic acid, Ph ester, 6262, 6265
Salicylaldehyde, 8593
$C_7H_7NOPbS_2$: Benzothiazole, 2 mercapto-, Pb deriv , 9201
C_7H_7NOS: Benzenesulfonamide, 4-amino-, Thiocyanic acid, Ph ester, 6262, 6265
$C_7H_7NO_2$: Benzamide, *N*-hydroxy-, 5405
Benzoic acid, amino-, 4991, *and salts*, 4992
Benzoic acid, *o*-nitroso-, 2113
$C_7H_7NO_2S$: See *Saccharin*
$C_7H_7NO_3S$: Benzenesulfonic acid, isothiocyano-, *Na salt*, 1290
$C_7H_7NO_4$: (See also *Benzoic acid, nitro-*) Quinolinic acid, 5
$C_7H_7NO_5$: Isocinchomeronic acid, 6-hydroxy-, 3380
$C_7H_7NO_5$: *p*-Pyrocatechuic acid, 5-nitro-, *and salts*, 9828
C_7H_7NS: Isothiocyanic acid, Ph ester, 5818
Thiocyanic acid, Ph ester, 8573
C_7H_7NSSe: Benzothiazoleselenol, P 4357
$C_7H_7NS_2$: See *Benzothiazole, 2 mercapto-*
$C_7H_7NSe_2$: Benzoselenazoleselenol, P 4357
$C_7H_7NaNO_3$: *o*-Cresol, dinitro-, Na deriv , 8348
C_7H_8NO: Benzoyl azide, 6275
C_7H_8NO: Benzonitrile, 5-amino-2-nitro-, P 1763
$C_7H_8NO_3$: See *Toluene, trinitro-*
$C_7H_8NO_3$: See *Phenol, trinitro-* (*trinitro-*) Anisole, 2,4,6-trinitro-, 6267
$C_7H_8NO_3$: See *Tetryl*
C_7H_8NO: See *Sodi im benzoate*
C_7H_8NO: See *Sodi im salicylate*
C_7H_8O: Benzyl, 5386
$C_7H_8AsCl_3$: Arsine, dichloro(*o*-chloro-*p* tolyl)-, 8850
C_7H_8BrCl: Toluene, bromochloro-, 1521, 3341
$C_7H_8BrClTl$: Bromotolylthallium dichloride, 4970
$C_7H_8BrLi_2O$: Lithium, (5-bromo-2 methoxyphenyl)-, 9251
C_7H_8BrNO: Benzamide, *m* bromo-, P 5004
C_7H_8BrNO: Anthranilic acid, bromo-, 2516, 2517
Toluene, bromonitro-, 3341
$C_7H_8BrN_3O$: Formamide, (*p* bromophenyl azoxy) , 4341
$C_7H_8Br_2$: Toluene, dibromo-, 1521, 3341
$C_7H_8Br_2ClTl$: Bromotolylthallium dichloride, 4970
$C_7H_8Br_2O_2S_2$: Thophenecarboxylic acid, 3,5-dibromo-4 methyl , Me ester, 5828
$C_7H_8Br_2O$: Hydroquinone, 2,5-dibromo-3 methoxy-, 8553
$C_7H_8Br_2Tl$: Bromotolylthallium dibromide, 4970
$C_7H_8Br_2O$: 2 Cyclopenten 1-one, 2,3,5,5-tetrabromo-4,4-dimethyl , 7743
C_7H_8Cl: Toluene, 3-chloro-2 iodo-, 6830
C_7H_8ClNO: Benzohydroxamyl chloride, 2018
$C_7H_8ClNO_3$: Salicylamide, chloro-, 2124, 7709
Toluene, chloronitro-, 1691, 3341, 8804
$C_7H_8ClNO_3S$: Benzoic acid, 2 (aminomercapto) o-chloro-, 1727
$C_7H_8ClNO_4$: Anisole, chloro-2 nitro-, 1603, 6264
$C_7H_8ClNO_4S$: Benzoic acid, 2-chlorosulfamyl-, 8538
Sulfone, 4-chloro-2 nitrophenyl methyl, 159
$C_7H_8ClN_3O$: Formamide, *α* (*p*-chlorophenyl azo) , 5441
$C_7H_8ClN_3O_3$: 4-Pyrimidol, 2-chloro-, acetyldithiarbamate, 9555
$C_7H_8ClNO_3$: Benzoic acid, 2-chloro-4 hydrazino-5-nitro-, 1283
$C_7H_8Cl_2$: See *Toluene, dichloro-*
$C_7H_8Cl_2Hg$: Chlorobenzylmercury chloride, 1584
Mercury, (2,5-dichlorophenyl)methyl , 2535
$C_7H_8Cl_2NO$: Benzamide, 2-amino-3,5-dichloro-, 2537
$C_7H_8Cl_2O_2S_2$: 2 Thophenecarboxylic acid, 4,5-dichloro-3 methyl , Me ester, 5828
$C_7H_8Cl_2O_2S_2$: 2 Thophenecarboxylic acid, 4,5-dichloro-3 (hydroxymethyl)-, Me ester, 5828
$C_7H_8Cl_6$: Cyclohexane, 1,2,3,4,5,6-hexachloro-1 (dichloromethyl) , 1258
$C_7H_8CuN_2O_8$: 2 Benzenedisulfonic acid, copper deriv , 7299, 9201
$C_7H_8DNO_2S$: Benzaldehyde-*d*, compd with NaHSO$_3$, 6271
C_7H_8INO: Benzamide, *m* iodo-, P 5004
$C_7H_8INO_2$: Anthranilic acid, 5-iodo-, *and salts*, 5379
$C_7H_8NO_3Sb$: Benzenesulfonic acid, *p*-stibonoamino-, 1254
$C_7H_8NO_3S$: Benzoic acid, 3 nitro-5-stibono-, 1254
C_7H_8N: Benzimidazole, 5395
Benzonitrile, *p*-amino-, 4973
Nicotinonitrile, 2 methyl-, 4243
$C_7H_8NOPbS_2$: 2 Benzimidazole sol, lead deriv , 7299, 9201
$C_7H_8NO_3$: Phenol, aminonitrosoano-, 8181
$C_7H_8NO_4Cl$: Phenol, *m* 2458, 5411
2 Pyrrolecarboxylic acid, 4-cyano-5-methyl , 2901
$C_7H_8N_2O_2$: Benzenediazohydroxide, carboxy-, 5411
2 Cyclopentapyrazone-6,7-dione, 3,5-dihydro-3-hydroxy-, 971
$C_7H_8N_2O_3$: (See also *Toluene, dinitro-*) Anthranilic acid, nitro-, 4994, *and salts*, 8392
$C_7H_8N_2O_3S$: *1-Isobenzo-1,2,3-dithiazole, 1 hydroxy-3-methoxy-4-nitro-, 7782*.
$C_7H_8N_2O_4$: See *Cresol, dinitro-*
$C_7H_8N_2O_4$: Guaiacol, 4,6-dinitro-, 4581
$C_7H_8N_2O_5S$: Carboxybenzenediazonium sulfate, 9393
$C_7H_8N_2S$: Aniline, *p*-thiocyano-, 8181
2 Benzimidazolethiol, 941, 7233, 7298, 9200
C_7H_8O: See *Benzaldehyde*
C_7H_8O: (See also *Benzoic acid, hydroxy-. Benzoic acid Salicylaldehyde*) Benzene, 1,2 methylenedioxy , 3777
p Toluquinone, 3775
C_7H_8OS: Benzoic acid, mercapto-, P 1346, 6263, *Na salt*, 2325
$C_7H_8O_2$: (See also *Benzoic acid, hydroxy-. Salicylic acid*) 2-Furanacrylic acid, 3786
Phenol, 2,3-methylenedioxy-, 164
Protocatechualdehyde, P 2911
Resorcylaldehyde, 1297, 4974, 4973
$C_7H_8O_3$: Hydroquinone, 2,3 methylenedioxy-, 164
Protocatechuic acid, 3343
β-Resorcylic acid, 3343, 4973
$C_7H_8O_3S$: Benzenesulfonic acid, formyl-, P 6993, P 9662
$C_7H_8O_4$: (See also *Gallic acid*) 4-Cyclopentene-1,2,3-trione, 4,5-dimethoxy-, 971
2-Ethoxy-5-hydroxy-, 971
$C_7H_8O_4$: 2 Furandicarboxylic acid, 5-carboxy-, 6303
$C_7H_8O_4S$: Salicylic acid, sulfo-, 4669, 6119, 8053, *Cd salt*, 1591
$C_7H_8O_5S$: m-Benzenedisulfonic acid, 4-formyl-, P 6993
C_7H: Benzyl, 2111
C_7H: AsCl$_2$ Benzyl alcohol, *p*-dichloroarsino-, 8850
C_7H: AsO$_3$ Benzyl alcohol, *p*-arsenoso-, 8534
C_7H: AsO$_3$ Benzoic acid, arsono-, 1579, 1581
C_7H: Br See *Toluene, bromo-*
C_7H: BrMg Benzylmagnesium bromide, 6821
C_7H: BrN$_3$ 1 (Cyanomethyl)pyridinium bromide, 2020, 5395
C_7H: BrO Anisole, bromo-, 1683, 3772, 9135
C_7H: BrO$_2$ Thophenecarboxylic acid, bromomethyl , Me ester, 5828
C_7H: BrO$_2$ Furoic acid, 5-bromo-, Et ester, 2
C_7H: BrN$_2$O$_2$ 2(1) Pyridone, 3,5-dibromo-1 (2 hydroxyethyl) , 4930
C_7H: Cl Se Benzyl selenyl chloride, 8
C_7H: ClHg Benzylmercury chloride, 1584
C_7H: ClH$_2$O$_3$ *m* Cresol, 4-chloro(hydroxymethyl)-, 8348
C_7H: ClMg Benzylmagnesium chloride, 3347, 4930
p Tolylmagnesium chloride, 4980
C_7H: ClNNaO 3 See *Chloramine-T*
C_7H: ClN$_2$O$_3$ Theophylline, 8-chloro-, P 1
C_7H: ClO Anisole, chloro-, 3322, 9138
m Cresol, chloro-, 3322, 7911, 8593
Phenol, 3-chloro-, 5279
C_7H: ClO$_3$S See *Toluenesulfonyl chloride*
C_7H: ClO$_3$ 2 Furoic acid, 5-chloro-, Et ester, 2
C_7H: ClZn Benzylzinc chloride, 3347
C_7H: Cl$_3$ Toluene, iodo-, dichloride, 8181
C_7H: Cl$_4$ Cyclohexane, 1,2,3,4,5,6-hexachloro-1 (chloromethyl) (?), 1281
C_7H: F Toluene, *p* fluoro-, 9138
C_7H: FO Anisole, *p* fluoro-, 9138
C_7H: I See *Toluene, iodo-*
C_7H: IO Anisole, iodo-, 3791, 9138
C_7H: IO$_3$S 3 Thophenecarboxylic acid, 4-iodo-2,5-dimethyl , 5431
C_7H: KO Potassium benzylate, 1292, 3354
C_7H: Li Lithium, benzyl , 3772
Lithium, tolyl , 125, 1581, 3772.

$C_7H_{11}IO$ Lithium, (*p* methoxyphenyl)-, 1683[3], 3772[2]
$C_7H_{11}NO$ (See also *Benzamide*.)
Benzaldehyde, oxime, 9140[4].
Nitrone, phenyl, 5437
Toluene, nitroso-, 2113[6]
$C_7H_{11}NOS$ Hydroxylamine, *O* thiobenzoyl, 1720[6].
$C_7H_{11}NO_2$ (See also *Anthranilic acid*, *Benzoic acid*, *amino-*, *Toluene*, *nitro-*.)
Amsole, *p*-nitroso-, 2420[7]
Benzamide, hydroxy-, 7760[2]
Benzenehydroxamic acid, *and K salt*, 5379[6]
Formanilide, hydroxy-, 6290[3]
2, 4-hexadienoic acid, 2 cyano , P 6477[4], P 7439[4]
Isonicotinic acid, Me ester, 7301[6]
Nicotinic acid, 2 methyl , *and -HCl*, 4245[6].
Nitrone, (*p*-hydroxyphenyl) , 5437
Salicylaldehyde, oxime, 4252[6], 5028[2]
Salicylamide, 3342[6], 7710[3]
Tngonelline 5974, 7683, 2004[6], 2605[1], 4602[2], 5322[6]
$C_7H_{11}NO_3S$ Acetic acid, (4 pyridylmercapto)-, *and Na salt*, 6314[4]
$C_7H_{11}NO_3$ Anisole, nitro-, 4588[1], 5372[2], 6302[6]
Cresol, nitro-, P 1346[7], 4581[4], 6110[6]
γ-Resorcylaldehyde, oxime, 4973[6]
β-Resorcylic acid, 1356[6]
$C_7H_{11}NO_3$ Glycine, *N* 2 furoyl , 6576
Guaiacol, 4 nitro-, 1701, 5302[2]
$C_7H_{11}NO_3S$ Pentanoic, thio , P 3531[6]
$C_7H_{11}N_2NaO_3S$ Benzenethiol, 2 amino 5-meth oxy 3 nitro-, Na deriv , 7782[2]
$C_7H_{11}N_3$ 3 Imidazole(3)pyridine, 2 methyl , *and -HCl*, 985[7]
$C_7H_{11}N_3O$ Benzazimdol, 5 methyl , 3770[2]
Formamide, phenylazoxy , 5439[3]
$C_7H_{11}N_3O_2$ 1 ormaldehyde, nitro-, phenyl hydrazone, 129[6]
Formamide, phenylazoxy , 5444[3], 5451[3]
$C_7H_{11}N_3O_2Se$ 2 Selenopheneglyoxylic acid, semicarbazone, 6304[3]
$C_7H_{11}N_3O_3$ 2 Pyridol, 6-amino-5 nitro-, mono Ac deriv , 4248[6]
p-Toluidine, 2,6 dinitro-, 6811[3]
$C_7H_{11}N_4NaO_3$ Theobromine, Na deriv 7484[4].
$C_7H_{11}N_4O$ Sodium benzyloxide, 1292[2]
$C_7H_{11}N_4OSe$ Urea , Selenyl-
Cyclohexpatrinne, 6250[3], 7185[4]
$C_7H_{11}AlBr_2$ Toluene, compd with $AlBr_3$, 6207[2]
$C_7H_{11}AsClO_3$ *p*-Toluenearsonic acid, *a* chloro- 8584[3]
$C_7H_{11}AsNO_3$ Arsine, dihydroxy(5-nitro-o tolyl) , 157[6]
$C_7H_{11}AsNO_5$ o-Toluenearsonic acid, 5 nitro-, 157[6]
$C_7H_{11}BBrO_3$ *p*-Tolueneboronic acid, 2 bromo- 4970[1]
$C_7H_{11}BClO_3$ Tolueneboronic acid, chloro-, 4970[1]
$C_7H_{11}BrN_4$ Guanidine, (*p* bromophenyl) , *and salts*, 5385[3]
$C_7H_{11}BrN_4O_3$ Hydrazine, 1-(4 bromo 2 nitro phenyl) 1 methyl , 5375[4]
$C_7H_{11}BrMgTe$ Telluride, methyl phenyl, compd with $HgBr_2$, 5386[4]
$C_7H_{11}BrO$ 2 Cyclopenten 1 one, 2,3 dibromo 4, 4 dimethyl , 7743[3], 8172[6]
$C_7H_{11}ClNO_3S$ Aniline, 2 chloro-4 (methyl sulfonyl)-, P 1760[6]
p - Toluenesulfonamide, 3 - chloro-, 5852[6]
$C_7H_{11}ClOS$ 4 - Pyrimidinecarbamic acid, 2 - chlorothiono-, Et ester, 6855[6].
$C_7H_{11}ClN_2O$ Hydrazine, 1 (4 chloro 2 nitro phenyl)-1 methyl , 5375[4]
$C_7H_{11}ClO_3Sb$ *p* Toluenestibonic acid, 2-chloro-, 1280[3]
$C_7H_{11}ClHgTe$ Telluride, methyl phenyl, compd with HgCl, 5386[4]
$C_7H_{11}Cl$ N₂ Pyrimidine, 2,4-dichloro 5-ethyl 6-methyl , 3377[6]
$C_7H_{11}Cl_2OS$ 2 - Thiophenecarboxylic acid, *t*,*t*,4,5 - tetrachlorotetrahydro - 3 - methyl - Me ester, 552[6]
$C_7H_{11}IN_2$ Guanidine, (*p* iodophenyl)-, *and salts*, 1683[3].
$C_7H_{11}NO_3Sb$ Benzoic acid, 3 amino-5 sti bono-, 1259[6].
$C_7H_{11}N_3$ Benzaldehyde, hydrazone, 622[6]
$C_7H_{11}N_3O$ Benzoic acid, hydrazide, 622[6], 6275[4].
Salicylaldehyde, hydrazone, 3365[6]
Urea, phenyl , 23[6], 1107[3]
$C_7H_{11}N_3O_2$ Benzoic acid, *p* hydrazino-, 1235[6]
Cyclopentapyrazole - 3 - carboxylic acid, 1,4,5,6 tetrahydro-, 85[3]
2 - Cyclopenta[c]pyridazin 3(5) - one, 6,7-dihydro 4 hydroxy-, 5896[3]
2,6 Lutidine, 3 nitro , 4246[3]
Toluidine, nitro , P 2400[3], P 3819[3], 6811[3], 8580[3]
Toluquinone, dioxime, 7634[3]
$C_7H_{11}N_3O_3S$ Benzenesulfonamide, *N*-methyl 2 nitro , 8367[3]
$C_7H_{11}N_3O_4S$ Benzenethiol, 2 amino-5-methoxy 3 nitro , 7782[2]
$C_7H_{11}N_3O_5S$ 3 Pyridinesulfonic acid, 6-acetamido-, *and salts*, 1733[6]
Toluenehydroxamin sulfate, 9390[3]
$C_7H_{11}N_3O_5$ Mesovalaldehyde, dioxime, *di* Ac deriv , 965[3]
$C_7H_{11}N_3O_8S$ Methoxybenzenediazonium sul fate, 9300[3]
$C_7H_{11}N_5S$ Formanilide, *o* aminothio , P 7046[6]
Urea, phenylthio , 2790[6], 4077[2], 4700[6], 5815[6], P 6477[4], 9015[3]
$C_7H_{11}N_5O_2$ See *Theobromine Theophylline*
$C_7H_{11}N_5O_3$ Hydrazine, 1 (2,4 dinitro phenyl)-1-methyl , 5375[4]
$C_7H_{11}O$ (See also *Benzyl alcohol Cresol*)
3,5 - Hexadiyn - 2 - ol, 2 - methyl , 8586[3]
$C_7H_{11}OSe$ 1 Propanone, 1 (2 selenophyl) 6703[3]
$C_7H_{11}O_2$ (See also *Guaiacol Selepenin*)
1,4 - Cyclohexadiene 1 - carboxylic acid, 567[3]
Cyclopentanone, 2 - ethynyl - 2 hydroxy-, 983[3]
Ketone, methyl 5 methyl 2 furyl, 1316[2]
Orcinol, 2,6 dimethyl , 3819[2]
4 Penten 2 ynoic acid, Et ester, 5682[2]
—, 4 methyl , Me ester, 6682[2]
Phenol, methoxy , 3772[2], 4588[1], 9138[3], 9367[2]
1 Propanone, 1 (2 furyl) , 1316[2], 4593[2], 6620[2]
1,4 Pyrone, dimethyl , 4874[2], 6159[2], 7661[4]
Resorcinol, 2 methyl , 1297[2], 8183[2]
$C_7H_{11}O_2S$ Sulfone, methyl phenyl, 1290[4]
3 Thiophenecarboxylic acid, 2,5 di methyl , *and* α Toluenesulfinic acid, 8472[2]
$C_7H_{11}O_3$ Cyclopentanone, 2,5 bis(hydroxy methylene) 3686[3]
2 Furoic acid, Et ester, 1283, 3786[2], 7677[2], 8607[2]
Phloroglucinol, 2 methyl , 2126[3]
Pyrocatechol, 3 methoxy-, 1635[2], 5305[2]
Resorcinol, 2 methyl , 5305[2]
$C_7H_{11}O_3S$ 3 Thiophenecarboxylic acid, 5-methoxy 2 methyl , 7770[2]
p Toluenesulfinic acid, *sodium salt*, 7749[2]
$C_7H_{11}O_4$ 3 Furanacetic acid, 2,5 dihydro 4 hydroxy 5 methyl 2-oxo , 4198[2]
3 Furanpropionic acid, 2,5 dihydro-4 hydroxy 2 oxo-, 4198[2]
$C_7H_{11}O_4S$ Guaiacolsulfonic acid, *K salt*, 1698, 1938[2]
$C_7H_{11}O_5S$ Benzenesulfonic acid, 2,5-dihydroxy 3 methoxy , 1688[2]
C_7H_{12} Toluenethiol, 2,4[1], 2498[1], 3094[1], 4192[1]
$C_7H_{12}Se$ Toluenethiol, 1554, 6264
$C_7H_{12}Te$ Telluride, methyl phenyl, 5386[4]
$C_7H_{12}AsN_2O_4$ See *Carbarsone*
$C_7H_{12}AsNO_3$ Arsenic acid, *N* carbamyl 3 hydroxy , P 6527[4]
$C_7H_{12}AsO_3$ *p* Toluenearsonic acid, *a* hydroxy , 8584[3]
$C_7H_{12}BrNO$ 1 - (Carbamylmethyl)pyridinium bromide, 4247[3]
$C_7H_{12}Br_2O$ 2 Cyclopenten-1 one, 2 bromo-4,4 dimethyl , 7743[3]
$C_7H_{12}BrO_3$ 1,3 - Cyclopentanedione 2 bromo 4,4 - dimethyl , 7742[3], 7743
$C_7H_{12}CdI_2OS$ 2 Benzimidazolethiol, Cd complex, 7729[2], 9203[3]
$C_7H_{12}ClNO_2S$ 3 Pyridinesulfonamide, 6 chloro 5, *N*-dimethyl-, 8516[3]
$C_7H_{12}ClNO_3S$ 3 Pyridinesulfonic acid, 6 chloro 5 isopropyl , 1401
Barbituric acid, 5-chloro-4 propyl , 1401
$C_7H_{12}ClN_2O_4$ 1 - (Carbamylmethyl)pyridinium perchlorate, 4247[3]
$C_7H_{12}ClO$ 2 - Cyclohexene 1 carbonyl chloride, 3755[3]
$C_7H_{12}ClNPt$, 2660[6]
$C_7H_{12}N$ (See also *Aniline*, *N methyl Benzyl amine*, *Toluidine*)
Lutidine, 1732[2], 4245[3], 4246[3], 6846[3]
Lysoline, 3 methyl , 2453[3]
Norbornitrile, β methyl , P 4272[3]
$C_7H_{12}NO$ (See also *Anisidine*, *Me ol*) Base, 5393[3]
Hydroxylamine, *N*-*p* tolyl , 5433, 9300[3]
Phenol, *p*-methylamino-, 1570[4]
1 Propanone, 1 (2-pyrryl)-, 5394[1]
Pyridol, 2,6-dimethyl-, 4246[3], 7795[2]
2 - Pyrrolecarboxaldehyde, 3,5 - di methyl , 9329[6]
$C_7H_{12}NOS$ Benzenethiol, 2 - amino - 5 methoxy , -*HCl*, 7782[2].
4 - Thiazoline, 4,5 - acetaldehyde, 3,4-dimethyl , P 8214[3]
2 Thiophenepropionamide, 1692[2]
$C_7H_{12}NO_2$ Acrylic[2 2 1] - 3 - heptene, 2-nitro , 1239[6]
Malamide, α - ethyl - β - methyl , 4385[3]
2(1) Pyrrolone, 1 - (2 - hydroxyethyl)-, 4595[3]
Pyrrolecarboxylic acid, Et ester, 5393[1]
Senecioic acid, α cyano-, Me ester, 97[6]
$C_7H_{12}NO_3S$ Alanine, β 2 thienyl , 1692[2]
Aniline, *p* (methylsulfonyl), P 1760[6], P 3[7]
5 - Thiazolecarboxylic acid, 4 methyl , Et ester, *-HCl*, 4242[6]
p-Toluenesulfonamide, 4583[3], 6276[6]
$C_7H_{12}NO_3S$ Benzenesulfonic acid, *o* methylamino , 2116[6]
Metanilic acid, *N* methyl , 2116[6]
Sulfanilic acid, *N* methyl , 2116[6]
$C_7H_{12}NO_5S$ 1 Phenolsulfonic acid, 4 methylamino-2,6 dinitro , 2116[6]
$C_7H_{12}NO_6S_2$ *m* Benzenedisulfonic acid, 4 amino 5 methyl , 6264[4]
$C_7H_{12}N_2S$ Aniline, *N* (methylthiocarbonyl) , 154[6]
$C_7H_{12}NaO_4S$ Sulfanilamide, sodium formaldehydesulfoxylate, 3348[6]
$C_7H_{12}N_2$ Guanidine, phenyl , 6838[3]
$C_7H_{12}N_2O$ 2 Pyrazinecarboxamide, *N*, *N* dimethyl , P 4271[3]
2 Pyrazinecarboxamide, *N*-ethyl , P 4271[3]
Pyridine, acetamidoamino , *-HCl*, 9857[3]
Semicarbazide, phenyl , 644[3]
Triazene, 3 hydroxy - 3 - methyl - 1-phenyl , 1561[3]
$C_7H_{12}N_2OS$ 4 - Pyrimidol, 2 methyl - 5 (thioformamidomethyl)-, P 5130[4], P 7016[6]
$C_7H_{12}N_2O_2$ Hydrazine, (6 nitro-*m* tolyl) , 3770[2]
2 Pyrazinecarboxamide, *N* 2 hydroxy ethyl , P 4271[3]
$C_7H_{12}N_2O_3S$ Urea, *p* sulfamylphenyl , P 1[6]
$C_7H_{12}O$ 3b *p* Toluenestibonic acid, 4213[3]
$C_7H_{12}OS$ Benzenesulfonic acid, *p* methoxy , 1688[2]
C_7H_{12} Cycloheptadiene, 5290[4], 6256[4], 7185[4], 1 Hepten 3 yn-, 3320[2]
$C_7H_{12}NaO_3S$ *p* Toluenesulfonic acid, 3 amino-, 1289[2]
$C_7H_{12}NO_3Sb$ Benzenestibonic acid, 3 amino-, 1283[2]
C_7H_{13} (See also *Trimethylamine*)
Benzimidazole, 4 o,6,7 tetrahydro-, 5091[3]
Cyclopentapyrazole, tetrahydromethyl , 85[3]
Hydrazine, 1 methyl 2 phenyl , *and -HCl*, 9057[3]
— p tolyl , 649[3]
Lutidine, amino-, P 1757, 4216[3]
p Phenylenediamine, *N* - methyl , 7726[3]
Pimelonnitrile, 6067[3]
Pyrimidine, 2,4,6 trimethyl-, *and -H Br*, 3770[2]
$C_7H_{13}NO$ Ketone, ethyl 5 methyl 2 furyl, hydrazone, 1316[2]
p Phenylenediamine, 2 - methoxy , 7726[3]
1 Propanone, 1 (2 - furyl) , hydrazone, 1316[2]
$C_7H_{13}NOS$ 5 Thiazolepropionamide, 4 methyl , P 2[6]
$C_7H_{13}NO_2S$ Alanine, β - (4 methyl - 5 thiazolyl) , *and Cu salt*, 4242[3]
$C_7H_{13}N_2O_3S$ Barbituric acid, 5-ethyl 1 methyl , 6602[3]
$C_7H_{13}N_2O_4S$ Benzenesulfonamide, 3 amino-4 methoxy , 8367[3]
3 - Pyridinesulfonamide, 1,6 dihydro-*N*,*N*-dimethyl 6-oxo-, 8516[3]
$C_7H_{13}NO_5S_2$ Methanesulfonic acid, *p* sul famylanilino-, *Na salt*, 7376[3]
$C_7H_{13}N_3O$ 2 - Pyrazinecarboxamide, *N* - (2 aminoethyl) - , P 4271[3]
$C_7H_{13}N_3S$ Ketone, 2 hydroxy - 4 - methyl 5 thiazolyl methyl, semicarbazone, 7785[2]
$C_7H_{13}N_3S$ Pyrimidine, 4 amino-2 methyl-5-

(thioformamidomethyl)-, 3419ᵈ, P 5139ᵖ, P 7049ᵖ.
$C_7H_{15}NO$ 5 - Pyrrolidinecarboxaldehyde, 4 - amino - 2 - methyl-, semicarbazone, 1738ˢ.
$C_7H_{15}NO_2$ 2 - Pentanol, 6,8 - diamino-, compd. with AcOH, 2105ˢ.
$C_7H_{16}O$ 2 - Cyclohexen - 1 - one, 3 - methyl, 149ᵗ, 1330ᵇ.
2 - Cyclopenten - 1 - one, 5,5 dimethyl, 1743ᵇ.
Furan, 2-ethyl-5-methyl-, 1316ᵇ.
—, 2 propyl-, 1316ᵇ.
5 - Hexen - 3 - yn - 2 - ol, 2 methyl, 5652ᵇ.
$C_7H_{16}O_2$ 3 - Butyn - 2 - ol, 2 - methyl, acetate, 5653ᵇ.
Cyclobutanone, 2 - (hydroxymethylene), 1678ᵇ.
1 - Cyclohexene - 1 - carboxylic acid, 3758ᵗ.
2 - Cyclopentene 1 acetic acid, 1377ᵈ
3 - Hexene - 2,5 - dione, 3 - methyl 1731ᵗ
$C_7H_{17}O_3N$ Compd m 149°, 2555ˢ
$C_7H_{18}O_5$ Acetosecetic acid, allyl ester, P 5626ᵖ
1,3 - Dioxaspiro[4 4]nonan - 4 - one, 8170ᵇ
Glutaric anhydride, α-ethyl-, 6248ᵗ
3 - Hexene - 2,5 - dione, 3 - hydroxy - 4 methyl (?), 1751ᵇ
1 - Oxaspiro[2 4]heptane - 2 - carboxylic acid, *N salt*, 7744ᵗ
2,4-Pentanedione, 3-acetyl, 4230ᵇ
Succinic anhydride, α-ethyl β-methyl, 6247ᵇ
$C_7H_{18}O_3S_2$ 4 - *m* - Dithianecarboxylic acid 5-oxo- Et ester, 3380ᵖ
$C_8H_{10}O_3$ Carone acid 1374ᵈ
Citraconic acid, di Me ester, 4433ᵗ, 5334ᵗ
mono-Et ester, 5354ᵗ
1,2 Ethanediol, 1 (2,5 - dihydro 2 furyl) - 2 formate, 5364ᵗ
Itaconic acid, di Me ester, 5355ᵗ
Mesaconic acid, di-Me ester, 4444ᵗ
5354ᵗ mono-Et ester, 5354ᵗ
$C_8H_{10}O_5$ Shikimic acid, 5374ᵗ
$C_8H_{11}O_4N$ Arabocaarboxylic acid, methyl, 3335ᵗ
Methanetricarboxylic acid, tri Me ester, 1669ᵖ
$C_8H_{12}O$ Citraconic acid, di Me ester, ozonide, 3895ᵖ
Glucosaccharic acid, 37ᵗ, 8670ᵗ
Mesaconic acid, di Me ester, ozonide, 3692ᵖ
Saccharic acid, lactone, Me ester, 3335ᵗ
$C_8H_{11}BrO$ Cyclohexene, 1 bromo-, 6256ᵗ
$C_8H_{12}BrO$ Cyclohexanecarboxaldehyde, 1 bromo-, 2111ᵗ
$C_8H_{13}BrO_3$ Levulinic acid, β bromo-, Et ester, 2133ᵗ
$C_8H_{13}BrO_4$ Malonic acid, bromobutwl, 6244ᵗ
$C_8H_{13}BrO_5$ 4 - Heptanone, tribromo-, 1660ᵖ
$C_8H_{13}BrO_6$ 1 - Propanol, 3 - bromo - 2,2 bis(bromomethyl)-, acetate, 133ᵗ
$C_8H_{13}ClO$ 1 - Hexen - 3 - one, 1 - chloro - 5 methyl, P 1758ᵗ
$C_8H_{13}ClO_3$ 4 - Heptanol, trichloro-, 4 methoxy- butyl ester, 6692ᵖ
$C_8H_{13}N_3$ 1,2,5 - Trimethylpyrazinium iodide, 6072ᵗ
$C_8H_{13}N$ Nortropidine, 6223ᵗ
$C_8H_{14}NO$ 1 - Cyclohexene - 1 - carboxamide, 3725ᵗ
$C_8H_{14}NO_2$ Carbamic acid, dimethyl, 2,3-butadienyl ester, P 1345ᵖ
$C_8H_{14}NO_3S$ (4 3 1) - Oxathiazolidine, 5,5-diethyl, 3577ᵗ, 7525ᵗ, 9635ᵗ, P 9951ᵖ
$C_8H_{14}NO_4$ 2,4 - Oxazolidinedione, 5,5 - diethyl, 3577ᵗ, 6802ᵗ
4 - Pentenoic acid, 5 carbamyl - 4 methyl, 6421ᵗ
$C_8H_{14}NO_5S$ Succinic acid, (2 - amino - 2 carboxyethylthiocarbonyl)-, 3529ᵖ
$C_8H_{14}NO_7P$ 2 - Cyclohexen - 1 - one, semicarbazone, 4580ᵖ
$C_8H_{15}NO_3S$ Pyrrolidine, N-oxalamide, 6-ethylamino-, 1725ᵖ
$C_8H_{15}O_2N$ 2 - Propanol, 1 - (4 - methyl - 3 - furazanyl) -, semicarbazone, 8612ᵖ
C_8H_{16} 1 Heptene, N,N-dimethyl-, 1295ᵗ
C_8H_{16} Cyclopentane, 1(?), 3(?)-bis, 6256ᵗ, 7181ᵗ
Cyclohexane, methylene-, 1180ᵗ
Cyclohexane, methyl, 1180ᵗ, 1278ᵗ, 1338ᵗ, 2 3a, 4 5 6 7a, 7329ᵗ
Cyclopentane, methyl-, 2080ᵗ
—, 1 ethyl-, 2080ᵗ
2 Heptene, 2 methyl-, 2080ᵗ
3 Heptene, 2,5 dimethyl-, 6256ᵗ, 6791ᵗ
Norcamphane, 7739ᵖ
1,3 - Pentadiene, 2,4 - dimethyl-, 8175ᵗ
$C_8H_{16}O$ Cycloheptane, 1,2-dibromo-, 6256ᵗ
Cyclohexane, 1,2 - dibromomethyl-, 2100ᵗ, 4207ᵗ
$C_8H_{16}Br_2O$ Propionic acid, α,β-dibromo-, Bu ester, 6795ᵗ
$C_8H_{16}ClNO$ Valeramide, a - (2 - chloroethoxy)-, 6243ᵗ
$C_8H_{16}Cl_2O_2$ Methane, bis(2 - chloroisopropoxy) - 7732ᵗ
$C_8H_{16}N_2O_2S$ (3 - Hydroxyethyl) - 3,4-dimethylthiazolium iodide, 397ᵈ
$C_8H_{16}N_2$ 1 - Piperidineacetonitrile, 4584ᵗ
Pyrazine, tetrahydrotetramethyl-, 6073ᵗ
$C_8H_{16}N_2OS$ 4 - Thiazolidone, 5,5 - diethyl - 2 - imino-, 9853ᵗ, P 9956ᵗ
$C_8H_{16}N$ Cis 1,4 - Diazonine - 5,9(4,6) - dione tetrahydro-, P 6064ᵗ
$C_8H_{17}NOS$ Methanesulfinic acid, (allyl amino)(allylimino)-, betaine, 1726ᵗ
$C_8H_{17}N_2O_3$ Glutamine, N-acetyl-, 8176ᵗ
Propionic acid, α,α-diacetamido-, 2487ᵈ
$C_8H_{17}N_2OSb$ + H_2O Urea, stibamine 7434ᵗ
$C_8H_{17}N_3$ 3 - Azepotetrazole, 6,7,8,9 - tetrahydromethyl-, 8709ᵗ
$C_8H_{17}N_3O_2$ Malonic acid, bis(ethylidene hydrazide), 7737ᵗ
$C_8H_{18}O$ (See also *Cyclohexanone, methyl-*) Cycloheptanone, 1465, 2036ᵗ, 2492ᵗ, 4521ᵗ, 6236ᵗ
Cyclohexan-carboxaldehyde, 539ᵖ, 1676ᵗ, 4067ᵗ, 8020ᵗ
Cyclohexane, 1,2-epoxy-1-methyl-, 1676ᵗ
1 Cyclohexene-1 methanol, 6236ᵗ
Cyclohexenol, methyl-, 4535ᵗ
Cyclopentanecarboxaldehyde, 1 - methyl, 1465, 1676ᵗ
Cyclopentane, 1,2 - epoxy - 1,2 - dimethyl-, 1477ᵗ
Cyclopentanone, dimethyl-, 1477ᵗ, 3767ᵗ
2 Cyclopenten 1 ol, 2 - ethyl-, 4579
Ether, 1 butenyl propyl, 1660ᵖ
— 1-ethylallyl vinyl, 4972ᵖ
— 2 pentenyl vinyl, 4972ᵖ
4 Heptenal, 4972ᵖ
1,5 Hexadien - 3 - ol, 4 - methyl, 3756ᵗ
4 Hexenal, 3-methyl, 4973ᵗ
Ketone, cyclopentyl methyl, 1676ᵗ, 1743ᵗ
7-Oxabicyclo[4 2 0]octane, 1678ᵗ
1-Oxaspiro[2 5]octane, 1676ᵗ, 6236
4 Pentenal, 3-ethyl-, 4973ᵗ
Pentenone, 3-methyl-, 3755ᵗ
C_8H_{18} Acetic acid, Bu ester, P 1417ᵗ, 6796ᵗ
2 Butene 1-ol, 2 methyl, acetate, 4570ᵖ
Cyclohexanecarboxylic acid, 9295ᵗ *Cu and Pb salts*, 2786ᵗ
Cyclohexanol, hydroxymethyl, 1477ᵗ, 3595ᵗ, 7281ᵗ, 8172ᵖ
Cyclopentanecarboxylic acid, 1377ᵗ
Cyclopentanecarboxylic acid, 3-methyl, 7251ᵗ
Cyclopentanone, hydroxyethyl, 1477ᵗ, 8153ᵗ
Heptanedione, 3911, 3604ᵗ
2,5 Hexanedione, 3 methyl, 1751ᵗ
5-Hexenoic acid, 2-methyl, 6174ᵗ
Hydrogen peroxide, 2 methyl 2-cyclohexen 1 yl, 9292ᵖ
Ketone, methyl tetrahydropyran-4 yl, 6007ᵗ
Methacrylic acid, Pr ester, P 6477ᵖ, 3477ᵗ
3-Penten 2-ol acetate, 4580ᵗ
Peroxide, bu 1(47-50°, 8165ᵗ
$C_8H_{18}S$ 4 - Thiopyranacetic acid, tetrahydro-, 4996ᵗ
$C_8H_{18}O_2$ Acetic acid, α methyl, Et ester, 2827ᵗ, 2107ᵗ
Cyclohexanecarbonyl acid, 1 hydroxy, Pr ph ester, 2107ᵗ
Cyclopentanone, 2,2 - bis(hydroxymethyl)-, 1477, 8180ᵖ.
1,3 - Dioxolan - 4 - one, 5 - isobutyl, 8170ᵖ
—, 5-methyl-5-propyl-, 8170ᵖ.
Enanthic acid, γ-hydroxy, lactone, 3776ᵗ
2 - Furanpropionic acid, tetrahydro-, 3776ᵗ.
2 Furoic acid, tetrahydro-, Et ester, 3776ᵗ
$C_8H_{18}O_3$ Adipic acid, β methyl, 9295ᵗ
Glutaric acid, β-diethyl, 4853ᵗ
— ethyl, 4853ᵗ, 6247ᵗ
Malonic acid, di Et ester, 1491, 1665ᵗ, 5434ᵗ
—, *tert* butyl, 3332ᵖ, 4929ᵖ.
— ethyl, 9142ᵗ
Pimelic acid, 8244ᵖ, 9350ᵖ.
1,2-Propanediol, acetoacetate, P 5626ᵗ.
Pyrotartaric acid, di Me ester, 6247ᵗ.
Succinic acid, α-ethyl-α-methyl-, 6247ᵗ.
Pyrrose, 2,3 acetone-, 8573ᵗ.
$C_8H_{18}O_4S$ Acetic acid, (isopropylidenedithio)di-, 7732ᵗ.
Acetic acid, (trimethylenedithio)di-, 9825ᵖ.
$C_8H_{18}O_4$ Acetin, di-, 231, 2213ᵗ
Alloside, 3,4-anhydro methyl, 1276ᵗ.
Arabonic acid, dimethyl-, γ lactone, 6250ᵖ, 6253ᵗ.
Galactoside, 3,4 - anhydro - β - methyl, 4964
Glucofuranoside, 3,6 - anhydro - β methyl, 965ᵗ
Glucoside, 3,6 - anhydro - α - methyl, 1276ᵗ
$C_8H_{18}O$ Quinic acid, 537ᵗ
$C_8H_{18}O_5S$ Acetic acid, (trimethylenedisulfinyl)di-, 5833ᵗ
$C_8H_{18}O_6$ Galactonic acid, Me ester, 5361ᵗ, 7593ᵗ
Gulonic acid, 2 keto-, Me ester, 2561ᵗ, 3761ᵗ
Propionic acid, α-hydroxy β-methoxy α′,β - oxydi -, *Sr salt*, 6803ᵗ
$C_8H_{18}O_7$ Arabonic acid, tetrahydroxymethyl-, 7733ᵗ
$C_8H_{18}AuO$ 2,4 - Pentanedione, dimethyl-gold deriv - 6237ᵗ
$C_8H_{19}F$ Cyclohexane, bromo-, 146ᵗ
Cyclopentane, (2 - bromoethyl)-, 8179ᵗ
Heptene, bromo-, 3330ᵗ
$C_8H_{19}BrNO_2$ Carbomal, 7237ᵗ
Urea, (α - bromo - β,β - dimethylbutyryl)-, P 1447ᵖ.
$C_8H_{19}BrO$ Cyclohexanemethanol, 1-bromo-, 1676ᵗ
Cyclohexanol, bromomethyl-, 1676ᵗ
Ether, 2 bromoethyl 2 pentenyl, 4972ᵖ
$C_8H_{19}BrS$ Bicyclo[2 2 2]thannium 1 octane bromide, 4996ᵗ
Thiapyran, 4 (2 - bromoethyl)tetra hydro-, 4996ᵗ
$C_8H_{19}Br_2$ Pentane, 1,4 - dibromo - 3 (2 bromoethyl) - 6007ᵗ
$C_8H_{19}Cl$ Cyclopentane, (2 - chloroethyl) -, 8179ᵗ
2-Hexene, 4-chloro-, 1264ᵗ
$C_8H_{19}ClO$ Enanthyl chloride, 6250ᵖ
2 Pentanone, 4 - chloro - 3,4 - dimethyl, 3753ᵗ
$C_8H_{19}ClO_2$ Acetic acid, chloro-, Am ester, 2457ᵗ 1 methylbutyl ester, 4194ᵗ
2 - Butanone, 1 - (2 chloroisopropoxy) - 7733ᵗ
Furan, 3 - chloro - 2 ethoxytetrahydro - 2 methyl, P 8353ᵗ.
Pentanone, 1 (2 chloroethoxy)-, 6243ᵗ
$C_8H_{19}ClO_3$ Acetic acid, (2 - chloroisopropoxy), Et ester 7733ᵗ
Ethanol, 2 - butoxy, chloroformate, 1274ᵗ
—, 2 *sec* butoxy, chloroformate, 1274ᵗ
—, 2 isobutoxy, chloroformate, 1274ᵗ
$C_8H_{19}Cl_5$ Bicyclo[2 2 2]thannium - 1 octane chloride, 4996ᵗ
$C_8H_{19}N$ 1 - Methoxy[2 2 1]heptane, 7 methyl-, *and exo-epi isomer*, 6009ᵗ
1 - Azabicyclo[3 2 1]octane, *and salts*, 5401ᵗ
3 Butenylamine, N,N - dimethyl - 2 - methylene-, *and -HBr*, 4194ᵗ, 4197ᵗ
Methylenimine, 2-cyclohexyl-, 5371ᵗ
2 Norcamphanylamine, 1,7,7 -
3 - Pyrrolo[1,2-a]pyrrole, hexahydro-, *and perhydro salt*, 8459ᵖ
$C_8H_{19}NO$ Cyclopentanetetramine, 8459ᵗ
Ketone, methyl 4 - (1 - piperidyl)-, *and salt*, 6174ᵗ
3 Nortropanol, 6323ᵗ, *chloroaurate*, 9182ᵗ
Propionaldehyde, *sec* butoxy, 5360ᵗ
Semexamide, α-ethyl-, 1671ᵗ
$C_8H_{19}O_2N$ Cyclohexanecarboxylic acid ammo-, 1163ᵗ, 1377ᵗ
1,1 Dimethyl-2 pyrrolinium formate 9181ᵗ
Hyrtyl acid, Me ester, *and -HBr*, 5329ᵗ
1 - Pyrrolidinecarboxylic acid, Et ester, 5533ᵗ
$C_8H_{19}O_3N$ Butyric acid, β - acetamido-, Me ester, P 3211ᵗ
$C_8H_{19}NS$ Thiocyanic acid, 1-ethylbutyl ester, 4137ᵗ
$C_8H_{19}N_2$ Pyrrole, 2,5 - diamino - 3 - ethyl - 4 methyl-, 6248ᵗ
$C_8H_{19}N_3O$ Cyclohexanone, semicarbazone, 1477, 7187ᵖ
Cyclopentanone, 3 methyl, semicarbazone, 1465, 9254ᵗ
2 Heptenal, semicarbazone, 2555ᵗ,

$C_7H_{13}N_3O_5$ Butyraldehyde, *β,β*-dimethyl-*α* oxo-, semicarbazone, 7731.
$C_7H_{13}N_3O_6$ Butanoic, Caproic acid, *δ* oxo-, semicarbazone, 1493, 5855.
Levulinic acid, *α*-methyl , semicarbazone, 1272.
Valeric acid, *δ* formyl-, semicarbazone, 7282.
$C_7H_{13}O_7Tl$, 1102.
C_7H_{14} (See also *Cycloheptane; Cyclohexane, methyl* .)
1 - Butene, 2,3,3 - trimethyl-, 7535.
Cyclopentane, dimethyl-, 1281, 3766, 4968.
—, ethyl-, 3766, 4968.
Heptene, 1263, 4127, 6793, 7535.
2-Hexene, methyl-, 3758, 6793, 7535.
Pentene, dimethyl-, 1263, 3759, 4579, 7535, 8175.
—, 2-ethyl , 6793.
$C_7H_{14}Br_2$ Pentane, 1,2 dibromo-4,4 dimethyl-, P 4744.
$C_7H_{14}ClN$ Butylamine, 3 - chloro - *N, N* dimethyl 2 - methylene-, *and -HCl*, 1130.
Piperidine, 1-(2-chloroethyl)-, 3759.
$C_7H_{14}ClN_3O_2$ 2 - Butanone, 1 - (2 - chloroethoxy)-, semicarbazone, 6243.
$C_7H_{14}Cl_2$ Heptane, 1,1 dichloro-, 4189.
$C_7H_{14}Cl_2O$ 2 - Hexanol, 1 - chloro - 2-(chloromethyl)-, P 1447.
$C_7H_{14}CrN_2S_2$, 5314.
$C_7H_{14}I_2$ Heptane, 1,1-difluoro-, 4189.
$C_7H_{15}N$ Amine, 1,1,1 methylene-, 4197.
Butyronitrile, *α* dimethylamino - *α*-methyl , 4584.
Isobutyronitrile, *α* - ethylmethylamino-, 4584.
Isovaleronitrile, *α*-dimethylamino-, 4584.
Propionitrile, *α* - diethylamino-, 4584.
Valeronitrile, *α* - dimethylamino-, 4584.
$C_7H_{15}NO$ Hygramide, *N* - methyl-, *-HCl*, 5294.
1 - Piperidineacetamide, P 3811.
$C_7H_{15}NO_2$ 3 - Heptanedione, dioxime, 4000, 5990.
Urea, dimethylbutyryl , P 1447, 2107.
—, (*α*-methylvaleryl)-, 2107.
$C_7H_{15}NO_3S$ Cysteine, acid, 6750.
$C_7H_{15}N_3O_3$ Glutaramide, hydroxydimeth oxyarabo-, 6250, 6251.
$C_7H_{15}N_3O_4$ Butanoic acid, 1 - (1 cyano 1-ethylpropyl)-, 6243.
$C_7H_{15}N_3O_7P_2$, 8138.
$C_7H_{16}O$ See *Butyrone, Cycloheexanol, methyl Enanthaldehyde* .)
2 - Butene - 1 - ol, 2 - isopropyl-, 4579.
Cycloheptanol, 1460, 6256.
Cyclopentanethanol, 8170.
Cyclopentanemethanol, 3 - methyl , 5295.
Cyclopentanol, 1,2 - dimethyl , 1281.
Ether, isopropyl 2-methylallyl , P 3812.
—, 2 methylallyl propyl, P 3813.
Furan, 2 - ethyltetrahydro - 5 - methyl , 1316.
—, tetrahydro-2 propyl-, 1316, 5390.
2-Heptanone, 1668.
Heptanol, 1264, 1658.
5 - Hexen - 3 - ol, 4 - methyl , 3750.
Oxetane, 2,2-diethyl , 7277.
Pentanone, dimethyl , 1259, 1658, 3332, 3758.
Pentenol, methyl , 8175.
Pyran, 2 - ethyltetrahydro-, 5390.
$C_7H_{16}OS$ Acetic acid, thiol , 2,3-dimethyl propyl ester, 1659, isoamyl ester, 1659.
Bicyclo[2 2 2]thianium - 1 - octane base, 4964.
4 - Thiapyranethanol, tetrahydro-, 4996.
$C_7H_{16}O_2$ (See also *Enanthic acid* .)
Acetic acid, amyl ester, 265, 2390, P 3813, 4484, 4990, 7636, 8465, 2 - Cyclohexyl ester, 6276, 1 - ethylpropyl ester, 1263, isoamyl ester, 7731.
Butyric acid, isopropyl ester, 9135.
—, *α* methyl , 1.t ester, 4581.
Caproaldehyde, *α* - hydroxy - *α* - methyl-, 7726.
Caproic acid, Me ester, 8173.
1,2 - Cyclohexanediol, 8757.
Cyclohexanemethanol, hydroxy-, 1481, 1678, 2492, 8180.
1,2 - Cyclopentanediol, 1,2-dimethyl , 1471.
m-Dioxane, 2-ethyl 2 methyl-, 8169.
—, 2,2,4 trimethyl-, 8169.
1,3 - Dioxolane, 2 - ethyl - 2,4 - dimethyl , 8169.
Ethanol, 2 (2 pentenyloxy)-, 4972.
2-Heptanone, 1 hydroxy-, 8572.
Isovaleric acid, Et ester, 4581.
2 Pentanol, acetate, 4194.
Pivalic acid, I.t ester, 1281, 4581.
Propane, 1 - *sec* - butoxy - 2,3 - epoxy , P 5860, P 8210.
Propionic acid, *sec*-butyl ester, 5806, isobutyl ester, 1427.
Pyran - 4 - methanol, tetrahydro - *α*-methyl , 6004.
Valeric acid, Et ester, 4581.
$C_7H_{16}O_3S$ 5,5 - m - Dithianedimethanol, 2-methyl , 1680.
$C_7H_{16}O_3$ Caproic acid, *α* hydroxy-, Me ester, 8174.
Caproic acid, *α*-methoxy-, 8174.
Carbonic acid, Bu Et ester, 6092, dioxo-propyl ester, 9138, di-Pr ester, 4098, 6692, 9138, iso Pr Pr ester, 6092.
1,1 Cyclopentanediethanol, 2-hydroxy , 1477.
1,3 - Dioxolane, 4 - (methoxymethyl)-2,2 dimethyl , 7277.
—, 2 - (2 - methoxypropyl)-, P 1345.
Hydrogen peroxide, 1 - hydroxycyclo heptyl, 8576.
—, 1 - hydroxymethylcyclohexyl, 8576.
Lactic acid, Bu ester, 1523.
2-Propanone, 1,3 diethoxy , 2488.
Valeric acid, *α* methoxy-, Me ester, 8174.
$C_7H_{16}O_4S$ Ethanesulfonic acid, 2 cyclo hexyl-, 2 oxo-, 8178.
$C_7H_{16}O_5$ 1,3 - Dioxolane, 2 - [2 - (hydroxy ethoxy)ethyl]-, P 5414.
Erythritol, 2-methyl , 7735.
$C_7H_{16}O_6$ Arabinose, 2,3 - dimethyl , 4203, 6250, 6253.
Arabinoside, 2 - methylmethyl , 6245.
Digitalose, 5805.
Eucopyranoside, methyl , 5808, 6804.
Fucose, 2 methyl , 5808.
Fucoside, methyl , 6803.
Galactomethylopyranoside, methyl , 6805.
Glucomethylopyranoside, methyl , 6805.
Rhamnose, 2 methyl-, 5808.
Rhamnoside, methyl , 6803.
$C_7H_{16}O_6$ 1 ructoside, methyl , 6803, 6804.
Galactofuranoside, methyl , 1414, 8571.
Galactopyranose, 2 methyl , 4202.
Galactopyranoside, *β* methyl , 4201.
Galactoside, methyl , 6803.
Glucopyranoside, methyl , 4202.
Glucose, methyl , 4963, 6245.
Glucoside, methyl , 1414, 2109, 2167, *compd. with KOH*, 1411.
Gulopyranoside, *α* methyl-, 4202.
Guloside, *β*-methyl , 6803.
Mannofuranoside, *β* methyl , 2110.
Mannopyranoside, methyl-, 4201, 6251.
Mannose, 6252.
Mannoside, *α* methyl-, 6803.
Methylhexose, 2400.
Pantol, 2184.
Quebrachitol, 4583.
Sorbose, 3 methyl , 966.
Sorboside, methyl , 1277.
Tagatoside, *α* methyl , 3764.
Talomethylonic acid, Me ester, 8572.
$C_7H_{16}O_6S_2$ 5,5 - m - Dithianedimethanol, 2 methyl , disulfone, 1080.
$C_7H_{16}O_7$ Gluconic acid, 3-methyl-, *and salts*, 6244.
Mannoheptulose, 6804.
Mannonic acid, 2 ester, 7278.
Perseulose, 2109, 6252.
Rhamnohexonic acid, 4198.
Sedoheptulose, 6804.
$C_7H_{17}O_8$ Glucoheptonic acid, 4198.
$C_7H_{18}AsClN$ 3 - (1 - Chloroethyl) 1,1 dimethylarsetidinium chloroaurate, 4196.
$C_7H_{17}Br$ Pentane, 1 - bromo - 4 4 dimethyl , P 4744.
$C_7H_{17}BrClNO_2$ Choline, bromide, chloroacetate, 9334.
$C_7H_{17}BrN_2$ (3 - Cyanopropyl)trimethylammonium bromide, 4584.
$C_7H_{17}BrO$ Ether, 3 bromopropyl butyl, 2120.
$C_7H_{17}BrN$ Butylamine, 4 - bromo - 1 - methyl-, *hydrobromide*, P 4744.
$C_7H_{17}Cl$ Hexane, chloromethyl , 972.
Pentane, chlorodimethyl , 972.
—, 3-chloro-3-ethyl , 973.
$C_7H_{17}ClH_2$ 4,4 - Dimethylamylmercury chloride, 1294.
$C_7H_{17}ClN_2O$ Isovalerumidyl chloride, *α*-ethyl - *α* - semicarbazido-, 6243.
$C_7H_{17}ClO$ Ether, 3 - chlorosobutyl isopropyl, P 3813.
Ether, 3-chlorosobutyl propyl, P 3813.
2 - Hexanol, 1 - chloro - 2 - methyl-, P 1447.
$C_7H_{17}ClN$ Butylamine, 3 - chloro - 2-(chloromethyl) - *N, N* - dimethyl-, *and salts*, 4193, 4196.
3 - (1 - Chloroethyl) - 1,1 - dimethyl azetidinium chloride, 4196.
$C_7H_{17}ClNO_2$ Choline, perchlorate, chloroacetate, 5359.
$C_7H_{17}I$ Heptane, 1 iodo-, 4129.
$C_7H_{18}IN_3$ (1 - Cyanoisopropyl)trimethylammonium iodide, 4584.
(Cyanomethyl) diethylmethylammonium iodide, 4584.
(Cyanomethyl)dimethylpropylammonium iodide, 4584.
(Cyanomethyl)isopropyldimethylammonium iodide, 4584.
(1 - Cyanopropyl)trimethylammonium iodide, 4584.
$C_7H_{19}IN_2O$ 2 - Carbamyl - 1,1 - dimethyl pyrrolidinium iodide, 5393.
$C_7H_{19}Al$ Lithium, hexyl , 2201.
$C_7H_{19}N$ Cyclohexanemethylamine, 9295, *HCl*, 5371.
Piperidine, 1-ethyl-, 7779.
Pyrrolidine, 1 - ethyl - 2 - methyl , 5303, 5845.
$C_7H_{19}NO_2$ Butyramide, *α*-ethyl-*N*-methyl-, 1274.
Isoenanthamide, 8108.
2 - Pentanol, 4 - amino-, 1421, 6851.
2 - Pyrrolidinemethanol, ethyl , 5393, 5394.
$C_7H_{19}NO_3$ Butyric acid, *γ* - dimethylamino-*α* methyl , 5851.
Caproaldehyde, *α* - hydroxy - *α* - methyl , 7726.
$C_7H_{19}NO_4$ Carbamic acid, 2 butoxyethyl ester, 2988.
Carnitine, 4260.
Ethanol, 2 butoxy , carbamate, 1274.
—, 2 - *sec* - butoxy , carbamate, 1274.
—, 2 - isobutoxy , carbamate, 1274.
$C_7H_{19}NO_5$ Altroside, amino-*α* methyl , 2110.
Arabonamide, dimethyl , 6250, 6253.
Lyaloamine, methyl , 2110.
Glucosaminide, methyl , *HCl*, 2491.
Glucoside, 3 aminomethyl-, *and -HCl*, 2491.
$C_7H_{19}N_3O_2$ 3 Hexanone, 4 hydroxy-, semicarbazone, 2103.
$C_7H_{19}O_3P$ Phosphonic acid , Butane, trimethyl , 4874, 6231, 6791, 8116.
Hexane, methyl , 1139, 4874, 6231, 8116, 9294.
Pentane, dimethyl , 1139, 4874, 5743, 6231, 6791, 8116.
—, 3 ethyl , 3766, 8116.
$C_7H_{20}BrNO$ Lysmodil, 2210.
$C_7H_{20}ClNO_2$ Choline, acetyl , chloride, 5359.
$C_7H_{14}Cl_2Hg_2S$ Sulfide, ethyl isoamyl, compd. with HgCl, 1659.
$C_7H_{15}NO$ 2 - (Hydroxymethyl) - 1,1 dimethylpyrrolidinium iodide, 5394.
$C_7H_{15}NO_2$ Carbamic acid, ethyl , 2365.
$C_7H_{15}NS_2$ Carbamic acid, (2 - ethyl aminomethyl)dithio-, betaine, *and salts*, 8491.
$C_7H_{15}O$ (See also *Heptanol, Heptyl alcohol* .)
2 - Butanol, 2,3,3 - trimethyl-, 916, 972.
Ether 2,2 - dimethylpropyl ethyl, 6276.
Hexanol, methyl , 916, 972, 3147, 4199, 7274.
Pentanol, dimethyl , 1251, 916, 972, 6733.
—, ethyl , 916, 923, 4199.
$C_7H_{15}O_2$ Acetone, di Et ketal, 9139.
$C_7H_{15}O_3$ 2 Butanone, 4 methoxy , di Me ketal, P 2331.
2 Butanone, 3 *sec* butoxy , P 8210.
2 Propanol, 1,3-diethoxy , 2488.
$C_7H_{15}O_4$ Methane, bis(2 methoxyethoxy)-, P 932.
$C_7H_{15}O_5S$ See *Sulfonal*
$C_7H_{15}O_6Cl$ Caprolactone, 2100.
$C_7H_{15}O_6P$ Phosphonic acid , Butane, trimethyl , 8182.
$C_7H_{15}S$ Sulfide, 1,2 dimethylpropyl ethyl, *and compd. with PtCl*, 1652.
Sulfide, ethyl isoamyl, *compd with HgCl*, 1659.
$C_7H_{15}ClO$ Choline, chloride, methyl carbamate, P 3393.
2 - Hydroxypropyltrimethylammonium chloride, carbamate, 3393.
$C_7H_{15}ClNO$ [2 - (2 - Chloroethoxy)ethyl] trimethylammonium chloride, 5358.

$C_7H_{17}IN_2O$ (Carbamylmethyl)diethylmethyl-ammonium iodide, 40S1
C H, N Butylamine, 2-ethyl *N* methyl , *and -HCl*, 4295
Heptylamine, 7835
Hexylamine, *N* - methyl , *and -HCl*, 4305
C H_7NO 4-Heptanol, 3 amino-, P 8335
3 Hexanol, 2 amino-2 methyl , P 8335
1 Propanol, 3-diethylamino- P 1736
$C_7H_7NO_2$ 1,3 Butandiol, 2 - (dimethyl-aminomethyl) , *and -HI*, 4195
1,3 Propanediol, 2 - (dimethylamino-methyl) - 2 methyl , *and -HCl*, 1666
C H, NO; (See also *Choline, acetyl*)
1,3 - Propanediol, 2 (dimethylamino-methyl) 2 (hydroxymethyl) , 1666
$C_7H_{18}BrN$ Butyltrimethylammonium bromide, 3661, 7739
$C_7H_{18}INO$ 4 Hydroxybutyltrimethyl ammonium iodide, 9S4
$C_7H_{18}N_2$ Ethylenediamine, *N*, *N*-diethyl *N'* methyl , 5807
Methanediamine, *N*, *N'* diethyl *N*, *N'*-dimethyl , 1329
1,3 - Propanediamine, *N*, *N* - diethyl , 4199, 5807
$C_7H_{18}NO_2$ 2 Butanol, 1 (2,2 dimethyl hydrazino) - 2 - methyl , 5376
Propanediamine, *N*, *N*, *N'*, *N'* - tetra methyl , *N*-oxide, *and -HCl*, 8204
$C_7H_{18}NO_3$ 2 - (Hydroxypropyl)trimethyl ammonium hydroxide, carbamate, 8296
C $H_{18}NO$ Butylenedis[trimethylammonium hydroxide], 7739
$C_7H_{19}N_3$ Spermidine, 8799
$C_7H_{20}N_2O$ 1 (2 Hydroxyethyl) - 1,1,2,2, - 2 tetramethyldisilazonium di iodide, 5306
C $H_6ClCoNO_4$, 8130
C H_6ClNiO_4, 2 H_2O, 8136
C H_6CoN O, 8136
C H_6CoN O, 8153
$C_7H_6BrNO_3$, 2 H_2O Uredazoic acid, di K deriv , 7205
$C_7H_5BrO_3$ Phthalic anhydride, 3 bromo , 6213
$C_7H_5BrO_3$ Isatoic anhydride, 6,8-di bromo-, 2895
$C_7H_5ClF_3N$ Toluenitrile, 6 - chloro-α trifluoro-, P 1771
$C_7H_5ClNO_3$ Isatoic anhydride, 6,8-dichloro , 2895
$C_7H_5ClN_2NaO_2$ 2,4(1,3) - Quinazolinedione, 6,8-dichloro , Na deriv , 2S3
$C_7H_5F_3NO_2$ Toluenitrile, α trifluoro 2 nitro-, P 1769
$C_7H_5NO_3$ Phthalic anhydride, 3 nitro-, 1389
$C_7H_6N_2O_3$ Isophthalic acid, trinitro-, 9218
$C_7H_5BrClNO$ Styrene, β - bromo - 2-chloro - β, 4 - dinitro-, 1284
$C_7H_5BrClO_2$ 4 - Homopyrocatechol, 5-bromo - α - chloro-, cyclic carbonate, 1284
$C_7H_5BrCl_2O_3$ Toluene, 2 bromo - 6 chloro-4 - (dichloromethylenedioxy) , 1284
$C_7H_5BrF_3O_2$ m Toluic acid, 5 bromo-α trifluoro-, P 5169
$C_7H_5BrNO_3$ Isatin, bromo-, 2516, 2517
Phthalimide, 3 bromo-, 6218
$C_7H_5BrO_2$ Acetophenone, 2,3,4,5 tetra bromo-, 4218
$C_7H_5ClF_3$ o Xylene, α' - chloro - α', α', α', α' - tetrafluoro-, 2149
$C_7H_5ClNO_2$ Phthalimide, 3 - chloro-, P 1771
$C_7H_5ClN_2O_3$ Quinazoline, 4 - chloro - 6 nitro-, 4303
$C_7H_5ClHgO_2$ Phenanthrene, dichloro-mercuri , 6S1
$C_7H_5ClN_2$ Quinazoline, 4,6 dichloro , 4303
$C_7H_5ClN_2O_2$ 2,4(1,3) - Quinazolinedione, 6 - chloro , 4303
$C_7H_5Cl_2O_2P$ Isophthalyl chloride, 5 - (diethoxy phosphino) , 6S1
Phthalide, 4,5-dichloro , 8117
Phthaloyl chloride, 1,2-, 2,3-, 8117
$C_7H_5Cl_3O_3$ 4 - Homopyrocatechol, α, α, α-trichloro - , cyclic carbonate, 1284
$C_7H_5Cl_3O_3$ Toluene, α, α, 2 - trichloro-4,5-(dichloromethylene-dioxy) , 1284
$C_7H_5F_3$ o Xylene, α', α', α'-hexafluoro-, P 2149
$C_7H_5F_3O_2$ Benzoic acid, 4 - cyano - 3 - trifluoro-, 1771
Phthalide, 4 - amino - 7 - fluoro-, 8117
$C_7H_5IN_2O_2$ Isophthalaldehyde, 4,6-dinitro-, 1325
$C_7H_5O_3S$ Thianaphthenequinone, 4986
C_7H_6O See *Phthalic anhydride*
$C_7H_6AsClHgO_2$ Arsenosodichlorophenyl-mercury acetate, 1577
$C_7H_6BrClNO_2$ Styrene, β - bromo - o-chloro-β-nitro-, 1284
$C_7H_6BrN_3O_2$ 1,4 - Phthalazinedione, bromo-2,3-dihydro-, 6S1, 6391
$C_7H_6BrO_3$ Phthalic acid, 3 bromo-, 6291
$C_7H_6BrO_3$ Piperonylic acid, 5-bromo-2-hydroxy , 1654
C_7H_6BrO Acetophenone, tribromo-, 4218
C_7H_6BrO Benzene, 1,2,3 - tribromo - 4 - methoxy - 5,6 - methylenedioxy-, 4216
C_7H_6ClN O 1,6 - Naphthyridin - 8 - ol, 5-chloro-, 2923
4(3) - Quinazolone, 6 - chloro-, 4993
$C_7H_6ClN_3O_2$ Isatin, 6 chloro-, 3 - oxime, 1293
$C_7H_6ClNO_3$ Nicotinic acid, 2 chloro - 4 (hydroxymethyl) - 6 methyl - 5-nitro-, lactone, 3398
Styrene, 2 chloro β,4 dinitro-, 1284
$C_7H_6ClO_3$ Isophthalaldehydic, 5 - chloro-2 hydroxy , 3372
Piperonoyl chloride, 3291
$C_7H_6Cl_2NO$ Benzamide, *N* - (dichloromethylene) , 3353
$C_7H_6Cl_2$ o Xylene, α', α', α', α', α'-penta-chloro-, P 2149
$C_7H_6Cl_2O$ Benzyl alcohol, 2,3,4,5,6-pentachloro- (mercuric methyl) , 3777
$C_7H_6F_8Hg_2O_4$ Phenylmercury trifluoroacetate, 8173
$C_7H_6F_3O$ o Tolualdehyde, α - trifluoro-, P 6012
$C_7H_6F_3$ o Xylene, α', α', α', α', α'- penta fluoro-, P 2149
$C_7H_6IN_3O_2$ 1,4 - Phthalazinedione, 2,3 dihydro-6-iodo-, 6391
$C_7H_6I_2N_2O_2$ Chelidamic acid, 3,5 - diiodo-4 methyl , 6341
Dipicolinic acid, 3,5 - diiodo - 4 methoxy, 6314
$C_7H_6NO_5S$ Benzothiazolecarboxaldehyde, 1740
Benzoyl isothiocyanate, 3353
$C_7H_6NO_6$ Acid *See Isatin*)
Phthalimide, 5S-2
$C_7H_6NO_2$ Phthalimide, 3 hydroxy , 5827
$C_7H_6NO_3$ Cinchoninic acid anhydride, 5-methoxy , 3793
Terephthalaldehyde, nitro-, 6847
$C_7H_6NO_4$ Pyridine, 2,6 - hydroxy 5-nitro-, 16
$C_7H_6N_2O_2$ α - Toluatrile, α - isonitro-, Na deriv , 3353
$C_7H_6N_2$ Isophthalonitrile, 4 amino-, P 1767
$C_7H_6N_2O_3$ 1,4 Phthalazinedione, 5-amino-, 3697
$C_7H_6N_2O_2$ 4(3) - Quinazolone, 6 - nitro-, 4993
$C_7H_6N_2O_3$ 1,4 Phthalazinedione, 2,3-dihydro-nitro-, 6391, 7666
$C_7H_6N_2O_3$ Benzhazole, 6 - methoxy-4 nitro-, 7782
$C_7H_6N_2O_4$ p - Toluyl azide, 3,5 - dinitro-, 6746
C_7H_7 See *Benzene, ethynyl-*
$C_7H_7AsBrHgO_2$ Arsenoso - 5 - bromophenylmercury acetate, 1577
$C_7H_7AsClHgO_2$ Arsenosochlorophenylmercury acetate, 1577
$C_7H_7AsCl_2O_2$ Arsonic, 2 chloro-, p - dichloroarsino-, 8584
$C_7H_7BrClNO$ Toluene, bromochloronitroso-, 1284
C_7H_7BrIO Toluene, 2 - bromo - α - iodo-4,5 - methylenedioxy , 1294
C_7H_7BrN α - Toluenitrile, bromo-, 2243, 3353
$C_7H_7BrO_2$ p - Xylene, 2 - bromo - 3,5,6-trinitro-, 4214
$C_7H_7BrN_2O_2$ Ethanol, 2 - (bromotrinitroamino) - , nitrate, 1287
$C_7H_7Br_3N_2O_2$ 4 Ethanol, 2 - (2,4 - dibromo-6-dinitroamino) - , nitrate, 1287
$C_7H_7BrO_2$ Toluene, 2 - dibromo - 4,5-methylenedioxy , 1291
Xyloquinone, 3,5 - dibromo-, 1641
C_7H_7BrO Benzyl alcohol, 2,3,4,5 - tetra bromo-α methyl , 4218
C_7H_7ClHo Toluene, chloro - α - iodo-4 - methylenedioxy-, 1294
C_7H_7ClN α - Toluenitrile, α - chloro-, 6272
$C_7H_7ClNO_2S$ 2 1) - Benzothiazolone, 5-chloro-3 methyl , 4243
C_7H_7ClNO Styrene, o - chloro - β - nitro-, 1284
$C_7H_7ClN_2$ 2 - Benzothiazolethenone, chloro-3-methyl , 4243
$C_7H_7ClN_2O_2$ Ethanol, 2 - (chlorotrinitroamino)-, nitrate, 1287
$C_7H_7ClN_4O_2$ 2 - Pyrrolecarboxylic acid, 3,4 - dichloro - 5 - triazocarbonyl , Et ester, 2900
$C_7H_7ClO_2$ Toluene, 2 - (2,4 - dichloro-6 - dimethoxy) - , nitrate, 1287
C_7H_7ClO Toluyl chloride, α-chloro-, 6275
Toluene, α, 2 - dichloro 4,5-methylenedioxy-, 1294
$C_7H_7ClO_3$ Benzoic acid, 3,5 - dichloro-2 - methoxy - , *and salts*, 2124
$C_7H_7Cl_2OPS_2$ Benzenesulfonyl chloride, o-(chlorosulfonyl)acetyl-, 2177
$C_7H_7Cl_2S_2Sn$ Di - 2 - thenyltin dichloride, 5820
$C_7H_7ClNO_2$ Acetanilide, trichloro - 4-hydroxy-, 1641
$C_7H_7ClN_2O$ Benzamide acid, 3 cyano-, *ammonium salt*, 3353
C_7H_7NOS 2 Benzothiazolecarboxaldehyde, oxime, 1740
$C_7H_7N_3O_2$ Indole, 7-nitro-, 6837
Isatin, 5-amino-, P 1761
1,6 Naphthyridin-8-ol, 2S2
1,4 - Phthalanedione, 2,3 - dihydro-, 6319
Phthalimide, 4 amino-, 5827
o Toluamide, 5 nitro-, 1294
$C_7H_7NO_3S$ Anthranilic acid, 5 thiocyano-, 8183
Hydantoin, 5 - (2 thienylmethylene) , 1692
$C_7H_7NO_2Se$ Selenocyanic acid, nitrotolyl ester, 154
$C_7H_7NO_3$ Amsomtile, 2 nitro-, P 1771
Oxindole, 6 nitro-, 1295
$C_7H_7NO_4S$ 5 Benzothiazole, 6 methoxy nitro- 7782
$C_7H_7NO_5$ 2,5 Pyrroledicarboxylic acid, 3,4 - dihydroxy - , 2899
$C_7H_7N_3O$ Anthranilic acid, *N* formyl 5 nitro-, 4949
Nicotinic acid, 1,2-dihydro-4 (hydroxymethyl) - 6 - methyl 5 nitro 2 oxo-, lactone, 3398
$C_7H_7N_3S$ 5 Benzothiazolesulfone acid, 1,2,3,4 - tetrahydro 1,4 dioxo-, compd with *N*-*H*, 7666
$C_7H_7N_5O_2$ Toluic acid, dinitro-, 1294
C_7H_8N Pyridine, 3 (o - nitro - 3 pyrazolyl) , 2127
$C_7H_8NO_3P$ Formamide, *N* (*P* phenyl enebis[*N* nitroso-, 3S
$C_7H_8NO_5S$ Hydantic acid 2 2 -dithio-, 3353
$C_7H_8NO_6$ Ethanol, 2 picryl , nitrate, 8163
$C_7H_9NO_3$ Pentryl, 1287
C_7H_9O See *Benzofuran*
C_7H_9OS 3 Thianaphthenol, 4986
$C_7H_9O_2$ Benzofuranol, 2,3-2O5, 5158
Glyoxal, phenyl , 7287
Phthalide, 5207
Terephthalaldehyde, 1650
$C_7H_9O_3$ (See also *Piperonal*)
3(2) Benzofuranone, 4 hydroxy , 8600
1,4 - Cyclohexadione 1,2 dicarboxylic anhydride, 5020
Isophthalic acid, 4 hydroxy , 1684
Phthalaldehydic acid, 5185
$C_7H_9O_4S$ Acetic acid, (2,5-dihydroxyphenyl thio)-, 3353
3(2) Thianaphthenone, 1-dioxide, 2117
$C_7H_9O_5$ (See also *Phthalic acid*)
Isophthalaldehydic acid, 6-hydroxy , 6157
Isophthalic acid, 5-2O
Piperacetylic acid, 8221
Pyromeconic acid, 5-hydroxy , 1654
$C_7H_9O_6S$ Acetic acid, (3,6-dioxo-1,4-cyclohexadienylmercapto) , 2120
$C_7H_{10}O_4$ 4 Cyclohexene 1,2 dicarboxylic anhydride, 3,6 *endo* - epoxy 4 hydroxy , 6303
2 - Furanacrylic acid, 5 carboxy , 4182
Isophthalaldehydic acid, 2,4 dihydroxy , 1295, 4947
Phthalic monoperacid, 1
Piperonylic acid, 2 hydroxy , 1654
$C_7H_{10}O_5$ Piperonylic acid, 2,3-dihydroxy , 1654
Quinic[3,4] - p - dioxan 5,7 dicarboxylic acid, 2,3,5,6 hydro-, 2210
$C_7H_{10}S$ Thianaphthene, 4,5,6,7 tetrahydro-, 6301, 6317, 6318

$C_7H_7AsClO_3$ *o*- Toluic acid, *p*- dichloro-arsino-, 8584²
$C_7H_7AsO_6$ Acetophenone, 3 - arsenoso - 4 - hydroxy-, 2115⁹
$C_7H_7BrHgO_2$ *p*- Bromophenylmercury acetate, 1574
$C_7H_7BrN_2O_2$ Glyoxylanilide, *o* - bromo-, oxime, 2517⁶
$C_7H_7BrN_2O_3$ *p* - Xylene, 3 - bromo - 2,5 dinitro , 4219³
C_7H_7BrO Acetophenone, *o* bromo-, 4221⁸, 4270
$C_7H_7BrO_2$ Acetic acid, *m* bromophenyl ester, 1685⁹
o-Toluic acid, bromo , 8676³
$C_7H_7BrO_3$ Acetophenone, a bromo-2,6 dihydroxy-, 6009⁸
Mandelic acid, *p* bromo , 1296⁶
Pyrocatechol ether, 6 bromo - 1294³
$C_7H_7BrN_2O_4$ Toluamide, 3,5 dibromo-, P 5004⁶
$C_7H_7BrNO_2$ *o* - Toluic acid, *a* aminodi bromo *p* - hydroxy - *IIBr*, P 3531⁵
$C_7H_7BrNO_3S$ Sulfone, dibromonitromethyl *p* tolyl, 7752⁴
$C_7H_7Br_2N_3O_4$ Aniline, 2,4 - dibromo - *N* ethyl *N*, 6 dinitro , 3341⁸
$C_7H_7Br_3O$ Benzyl alcohol, tribromo-*a* methyl , 4218⁴
3,5 - Xylenol, 2,4,6 - tribromo , 163⁸
$C_7H_7ClHgO_2$ Xylenol, chloro(hydroxy mercuri), cyclic anhydride, P 1886⁵
$C_7H_7ClHgO_3$ Chlorophenylmercury acetate, 1574
$C_7H_7ClN_2$ Benzimidazole, 2 - (chloro methyl) , 4241⁸
$C_7H_7ClN_2O_2S$ Acetylbenzenesulfonazonium chloride, 2162⁴·⁵
$C_7H_7ClN_2O_3$ Formic acid, (*p* chlorophenyl azo) , Me ester, 2444⁸
Nicotinic acid, 5 - amino 2 - chloro 4 (hydroxymethyl) - 6 - methyl-, lactone, 5898⁶
$C_7H_7ClN_2O_4$ *Isophthalaldehyde*, 5 - chloro 2 - *hydroxy* , *dioxime*, 5379⁸
C_7H_7ClNO Benzoic acid, 2 - chloro - 4 methylamino - 5 - nitro-, 1282⁹
$C_7H_7ClNO_2S$ Sulfamyl chloride, *N* acetyl 2 methyl, 5378⁸
C_7H_7ClO Acetophenone, chloro , 2607⁹, 4213⁸, P 8063⁵, 8117¹, 8853⁴
Toluyl chloride, 6275⁴
$C_7H_7ClO_2$ Acetic acid, chloro , Ph ester, 7746⁵
Acetophenone, *a* chlorohydroxy , 7746⁵
Anisoyl chloride, 6275⁴, 7765⁵
Benzoyl chloride, methoxy , 6275⁴
Toluene, 2 - chloro - 5 - nitro , 6854⁸
$C_7H_7ClO_2S$ *β* - Styrenesulfonyl chloride, 5324⁶
$C_7H_7ClO_3$ Benzoic acid, chloro - 2 methoxy , *and salts*, 2124⁵
Cresotic acid, chloro , 6807⁸
Pyrocatechol, 6-chloro , 1294¹
Salicylic acid, 3 chloro-, Me ester, 2124⁸
$C_7H_7Cl_2NO_2$ Benzamide, 3,5 - *dichloro-2*-hydroxy , 2124⁸, 7760⁴
$C_7H_7Cl_2NO_3$ 2 - Pyrrolecarboxylic acid, 3,4 dichloro - 5 - formyl , Et ester, 2900⁶
$C_7H_7Cl_2N_3O_4$ Aniline, 2,4 - dichloro - *N*-ethyl *N*, 6 dinitro-, 3341⁸
$C_7H_7Cl_2N_3O_6$ 2 - Pyrrolecarboxylic acid, 3,4-dichloro - 5 - (dichloromethyl)-, Et ester, 2900⁶
$C_7H_7FO_3$ Acetic acid, *p* fluorophenyl ester, 1686⁹
Acetophenone, 5 - fluoro - 2 - hydroxy , 1606⁹
$C_7H_7FO_3$ Salicylic acid, 5 *fluoro-*, Me ester, 1686⁹
$C_7H_7FN_2O_4$ Nitrophenylmercury acetate, 1574
$C_7H_7IO_2$ Acetic acid, *m* iodophenyl ester, 1685⁹
$C_7H_7IO_3$ Mandelic acid, *p* iodo-, 1296⁶
$C_7H_7INO_2$ *a* Toluic acid, *a* amino *p* hydroxyiodo , *salts*, *P* 3531⁵
$C_7H_7IO_3S$ 3,5 - Xylenol, 2,4,6 - triodo-, 163⁸
C_7H_8Li Lithium, styryl , 3723¹
C_7H_8N (See also *Indole*, *Toluamide*) Pyrocoline, 9304⁸
C_7H_8NO Benzoxazole, 2 - methyl , 6307¹, Indoxyl, 1377⁸, 2126⁵, 7835⁵
Mandelonitrile, 7038⁴
C_7H_8NOS Benzothiazole, 6 methoxy-, 7752⁴, 2(3) - Benzothiazolone, 3 methyl-, 4212⁸
Benzoxazole, 2 - methylmercapto-, 2524⁸
2(3) - Benzoxazolethione, 3 methyl , 2324⁴
$C_7H_8NO_2$ Glyoxylanilide, 4247⁵
Isocyanic acid, *p* methoxyphenyl ester, 5410⁹
Phthalide, 5 amino , 5267⁹
Styrene, nitro , 1299⁵, 2112⁶, 7898⁵, 8115⁵
Vanilloantrile, 1691
$C_7H_8NO_3$ Acetophenone, nitro-, 1377⁸, 4215⁵
Nicotinic acid, 1,2 dihydro 4 (hydroxy methyl) - 6 - methyl - 2 - oxo , *lac tone*, 5398⁵
—, 5 - hydroxy - 4 - (hydroxymethyl)- 6 - methyl , lactone, 5398⁵
Phenol, (2 nitrovinyl) , 6154⁷·⁹
Piperonal, oxime, 9179⁸
$C_7H_8N_2O_2$ Acetic acid, *a* nitrophenyl ester, 6234⁴
o Toluic acid, *p* nitro , 5370⁶.
$C_7H_8N_2O_3$ Urazole, 4 phenyl-, 5408⁴
$C_7H_8N_2O_4$ Cinchomeronic acid, 5 methoxy , 3704⁸
Isocinchomeronic acid, 6 hydroxy-, Me ester, 3380⁵
$C_7H_8NO_4$ Salicylic acid, 3 methoxy 5 nitro , 8828⁸
C_7H_8NS Thocyanic acid, benzyl ester, 8572⁶
$C_7H_8NS_2$ 3,1,4 - Benzothiazine - 2 - thiol, P 4086⁸
Benzothiazole, 2 - methylmercapto-, 2521⁸, 4043⁸
2 - Benzothiazolnethione, 3 - methyl-, 4212⁸, 4213⁵
$C_7H_8N_2S$ Thiocyanic acid, tolyl ester, 155⁸, 6241⁴
$C_7H_8N_2$ Pyridine, imidazolyl , 8795⁶
$C_7H_8N_2O$ (+3) *Tetrazolone*, 6 amino , 4794⁴
$C_7H_8N_2O_2$ (See also *1,4 - Phthalanedione*, *5 - amino 2,3 dihydro*) Anisoyl azide, 5408⁴
Urazole, 1 phenyl , 5405⁴
$C_7H_8N_2O_3$ Benzonitrile, 4 amino 5 methoxy-2 - nitro , P 1704⁵
$C_7H_8N_2O_4$ *Terephthaldehyde*, nitro , *dioxime*, 6847⁷
$C_7H_8N_2O_5S$ Carbamic acid, 2,4 dinitro-, Me ester, 540⁸
m-Xylene, trinitro , 5736⁵, 9238⁸
$C_7H_8N_4S$ 1,3,4 - Thiadiazolidine - 2 thione, 5 phenylimino-, 5058⁴, 5597⁵
4,1,2 - Triazole - 3,5 dithiol, 4 phenyl , 5097⁴
C_7H_9NO 2 - Pyrrolecarboxyl azide, 4 cyano - 3,5 dimethyl , 2900⁶
$C_7H_9NaO_2Zn$ Thiol, 6275⁴
C_7H_8 (See also *Styrene*)
1,3,5,7-Cyclooctatetraene, 7739⁴
$C_7H_8AsClNO$ Toluamide, *p* - dichloro-arsino-, 8584⁶
$C_7H_8AsHgNO_2$ Dihydroxyarsinomethoxyl mercury acetate, 1574
$C_7H_8AsNO_3$ *p* - Toluenearsonic acid, *α* cyano , 8584⁵
C_7H_8BrNO Furan *p* phenetylbenzenediazonium fluoborate, 3774⁵
C_7H_8BrClO Anisole, *bromo(chloromethyl)* , 1293⁵, 1294⁵
Anisole, 4 - (bromomethyl) - 2 - chloro , 1294⁵
C_7H_8BrFO Phenetole, 2 bromo-4 fluoro-, 1687¹.
C_7H_8BrIO Anisole, 2 bromo 4-(iodomethyl) , 1294⁵
C_7H_8BrNO Toluamide, bromo-, P 5004⁶
$C_7H_8BrNO_2$ Xylene, 2 - bromo - 3 nitro-, 4219⁵
$C_7H_8BrNO_3$ Veratrole, 4-bromo-5 nitro , 1667
$C_7H_8BrN_3O_2$ Formaldehyde, (4 - bromo 2 *nitrophenyl*)*methylhydrazone*, 5375⁸
$C_7H_8BrN_3O_4$ Aniline, 4 - bromo *N*-ethyl 2,6 dinitro-, 3341⁸
$C_7H_8BrN_3O_5$ Ethanol, 2 (4 bromo-2,6-dinitroanilino) , 1257⁷
$C_7H_8Br_2$ *p*- Xylene, *α,α'* -dibromo-, 3222⁵, 7633⁵
$C_7H_8Br_2ClTl$ 5 - Chloro - 2,4 xylylthallium *dibromide*, 4970⁵
$C_7H_8Br_2NO_2$ Aniline, 2,4 dibromo-*N* ethyl 6 nitro-, 3341⁸
$C_7H_8Br_2N_2O_2$ Ethanol, 2 (2,4-dibromo-6-nitroanilino) , 1257⁷
$C_7H_8Br_2O$ Anisole, 2 bromo 4 - (bromomethyl) , 1294⁵
$C_7H_8Br_2O$ Benzene, 1,5 dibromo - 2,4 dimethoxy , 2107⁷
Phenol, 2,4-dibromo 6 ethoxy , 7753⁵
$C_7H_8Br_2Tl$ 5 - Bromo - 2,4 xylylthallium dibromide, 4970⁵
$C_7H_8Br_2O_3$ 1,3 - Cyclohexanedione, 2,2,4,4 bromo - 5,5 - dimethyl , 7742⁸
C_7H_8ClIO Anisole, 2 - chloro 4 - (iodomethyl) , 1294⁵
C_7H_8ClNO Acetanilide, *N*-chloro , 9099⁸
Acetophenone, *p* - chloro-, oxime, 5852⁴
Anisaldenemine, *N*-chloro-, 5823⁸
$C_7H_8ClNO_2$ Acetanilide, 4 - chloro - 2 hydroxy , 1647
Benzamide, chloro 2 methoxy , 2124⁵, 7760⁴
$C_7H_8ClNO_3$ Phenetole, 4 - chloro - 2 nitro , 1667
$C_7H_8ClNO_4$ Veratrole, chloronitro , 4253¹
$C_7H_8ClN_3O_2$ Formaldehyde, (4 - chloro 2 - nitrophenyl)methylhydrazone, 5375⁸
$C_7H_8ClN_3O_4$ Aniline, 4 chloro-*N* ethyl 2,6 dinitro , 3341⁸
$C_7H_8ClN_3O_5$ Ethanol, 2 (4-chloro-2,6-dinitroanilino) , 1257⁷
$C_7H_8Cl_2NO_2P$ Aniline, 2,4 - dichloro - *N*-ethyl 6 nitro , 3341⁸
$C_7H_8Cl_2N_2O_2$ Ethanol, 2 (2,4 - dichloro 6 nitroanilino) , 1257⁷
2 Pyrrolecarboxylic acid, 5 carbamyl 3,4-dichloro , Et ester, 2900⁶
—, 3,4 dichloro-5 formyl , Et ester, oxime, 2900⁶
$C_7H_8Cl_2N_2O_3$ 2 Pyrrolecarboxylic acid, 3,4 dichloro-5 hydroxycarbamyl , Et ester, 2900⁶
$C_7H_8Cl_2N_2O_4$ 2 Pyrrolecarboxyl azide, 5 (dichloromethyl) - 3,4 - dimethyl , 2.03¹
$C_7H_8Cl_2O$ Anisole, 2 - chloro - 4 - (chloromethyl) , 1294⁵
$C_7H_8Cl_2O_2$ *m* - Cresol, 2,4 - dichloro 5 methoxy , 6307⁸
$C_7H_8Cl_2O_2S_2$ Oxalic acid, bis(2 chlorovalyl) ester, P 6876⁴
$C_7H_8Cl_2O_3S$ Benzenesulfonyl chloride, 2 chloro 5 ethylsulfonyl , P 9008⁵
$C_7H_8Cl_2N_2$ 2 - Pyridinethanol, *α* - (trichloromethyl) , 9104⁸
$C_7H_8Cl_3NO_2$ 2 - Acoline, *α* - trichloro , *acetate*, 6311⁴
2 - Pyrrolecarboxylic acid, 3,4 - di chloro 5 - (chloromethyl) , Et ester, 2900⁶
$C_7H_8Cl_3O_4P$ 4,4,5 Pyrazolodione, 3 methyl , 4 oxime, Cu deriv , 6306⁸
C_7H_9FNO Acetanilide, fluoro , 3457⁹
$C_7H_9FO_3S$ Phenetole, 2 fluoro 4 nitro , 3774⁵
$C_7H_9F_3O$ Phenetole, 2,4 difluoro-, 3774⁵
$C_7H_9HgNO_2$ Succinimide, Hg derv , 8572⁶
$C_7H_9HgO_2$ Phenylmercury acetate, 6788⁸
$C_7H_9HgO_3S$ Glycolic acid, phenylmercure salt, *P 6432*⁵
C_7H_9INO *p* Toluamid 3 iodo-, P 5004⁶
$C_7H_9IO_3S$ Phenol, iodo-, 5595⁸
$C_7H_9KNO_3S$ Sulfone, nitromethyl *p* tolyl, K deriv , 7752⁴
C_7H_9N Benzenediazole, methyl , 1319⁸, 4986⁸, 5393⁸
Isocotoinetrile, 2,6-dimethyl , 8201⁸
o Toluidine, 3 amino , 1294⁵, 1692⁵
C_7H_9NO Oxindole, 6 amino-, 1295⁸
C_7H_9NOS Benzthiazole, amino 6-methoxy , *and HCl*, 7782⁴·⁵
$C_7H_9NO_2$ 1 ormic acid, phenylazo-, *Me* ester, 5441⁸
Isophthalaldehyde, 4,6 diamino-, 1324⁵
Nicotinic acid, 5 amino 4 (hydroxymethyl) 6 methyl , lactone, 5398⁵
$C_7H_9NO_3$ 1,2,4 - Benzothiadiazine, 3 methyl 1 dioxide, 1686⁸
Glycolic acid, phenylamino-, 6270¹
Hydantoin, 5 (2 thenylmethyl)-, 1692⁴
$C_7H_9NO_4$ *Acetanilide*, nitro-, 2413⁵, 3702⁴
Glycine, *N* - 3 - pyridylcarbonyl , 6706⁸
o Toluamide, 3 nitro-, 9310⁸
$C_7H_9NO_5$ Toluic acid, 4 - amino 2 nitro-, 1295⁵
Xylene, dinitro-, 5370⁶
$C_7H_9N_2O_2$ Vanillin, nitro , oxime, 7752⁴
$C_7H_9N_2O_3S$ Acetamide, *N* - (*o* nitrophenylsulfenyl)-, 1686⁸
$C_7H_9N_2O_4$ Benzene, 2,5 - dimethoxy 1,3 dinitro-, 1330⁷
$C_7H_9N_3S$ Benzoselenadiazole, 5,6-dimethyl , 1555⁸
$C_7H_9N_3O_2$ Acetaldehyde, 2,4 dinitrophenylhydrazone, 1305⁵
Formaldehyde, (2,4 *dinitrophenyl*) methylhydrazone, 5375⁸
$C_7H_9N_3O_7$ Ethanol, 2 (2,4,6 - trinitroanilino) , 1257⁷
$C_7H_9N_3$ 1,2,4 Triazolidine - 3 thione, 5 amino 4 phenyl , 5095⁴
$C_7H_9N_3O_2$ Pyrazolo(1,2)pyrazole 1,3,5,7 (2,6) - tetrone, 2,6-diureido-, 7295⁸

$C_8H_8Na_2O_4Zn$, 76591
C_8H_8O (See also *Acetophenone; Toluic-hyde*)
Oxurane, phenyl-, 16764, 16885, 62577
$C_8H_8O_2S$ Acetophenone, mercapto-, 62661
$C_8H_8O_2$ (See also *Anisaldehyde; Toluic acid*)
Acetic acid, Ph ester, 1324, 62342
Acetophenone, hydroxy-, 62343, 62666, 65813, 81171
Benzaldehyde, o- methoxy-, 55385
Benzoic acid, Me ester, 4256, 49500
3 Buten 2-one, 4 (2 furyl), 42378
Phloron, 4447, 77587
m-Veloquanone, 37011, 77872
$C_8H_8O_3S$ Benzoic acid, mercapto-, Me ester, 62661
$C_8H_8O_3$ (See also *Anisic acid; Mandelic acid; Vanillin*)
Acetic acid, phenoxy- 65974, 85081
Acetophenone, dihydroxy- 1677, 21194, 21200, 21223, 24139, 40229, 81571
Benzoic acid, methoxy-, 36933, 36947, 38385
Cresotic acid, 16944, 65977
1 Cyclohexene - 1, 2 - dicarboxylic anhydride, 5633
Isovanillin, 61383, 42003
Piperonyl alcohol, 12929
Salicylic acid, Me ester, 22165, 32625, 36943, 50977
m-Veloquanone, 3 hydroxy- 9834
$C_8H_8O_3S$ *β* - Styrenesulfonic acid, 5328
3 Thiophenecarboxylic acid 4 ethyl ester - 4, 5 - dihydro 2 methyl 5 oxo-, 77597
$C_8H_8O_4$ Acetophenone, 2 3, 6 trihydroxy, 81569
Anisaldehyde, 2 3 dihydroxy, 1633
1,4 Cyclohexadiene - 1,2 dicarboxylic acid, 963
Dehydroanisic acid, 21101
2 Furoic acid, 5-acetyl-, Me ester, 49833
Gallacetophenone, 81571
Homogentisic acid, 8779
Resorcylic acid, Me ester, 5499, 21243, 43758, 63038, 93547
—, methyl 1229
p-Toluquinone, 6 hydroxy 5-methoxy 42577
Vanillic acid, 1658, 69271
$C_8H_{10}O_2S$ Benzoic acid *o*-(methylsulfonyl) 21177
$C_8H_{10}O_2$ 2 Furanpropionic acid, 3-carboxy-, 49833
Gallic acid, Me ester, 9478, 93477
p Toluquinone, 3,6 dihydroxy 5 methoxy-, 42578
$C_8H_{10}O_3$ 2 - Furanglycolic acid, 5 carboxy, Me ester, 49833
$C_8H_{10}AsO$ *m* Xylene, 4 arsenoso-, 1576
$C_8H_{10}AsO_3$ Benzenearsonic acid, 5 acetyl 2 hydroxy-, 21102
Benzenearsonic acid, *p* glycolyl-, 21376
$C_8H_{10}BO_3S$ Styreneboronic acid, 44701
$C_8H_{10}BrClNO$ Benzenesulfonamide, *p* bromo N (2 chloroethyl)-, 85560
$C_8H_{10}BrN_3O_2$ Ethanol, 2 - (bromo - 2 nitroanilino)-, 85560
$C_8H_{10}BrO$ Phenethyl alcohol, *β* bromo, 16764
Xylenol, bromo-, 50301
$C_8H_{10}BrO_2$ Anisyl alcohol, 3 bromo-, 12931
Benzene, 1 bromo-2,4-dimethoxy-, 2507
$C_8H_{10}BrN$ 2,5 - Xylidine, 4,6-dibromo-, 42194
$C_8H_{10}BrNO$ 3 - Pyridol, 4,5 - bis(bromomethyl) 2 methyl -, 82011, *-HBr*, 37344, 53757
$C_8H_{10}BrO_3$ 1,3 Cyclohexanedione, 2,4,6 tribromo-5,5-dimethyl-, 77429
$C_8H_{10}BrSe$ (2 Ethylphenyl)selenium bromide, 42151
$C_8H_{10}BrTl$ Ethylphenylthallium dibromide, 43750
Vinylthallium bromide, 49700
$C_8H_{10}Cl$ Benzene, chloroethyl-, 9731, 45879
Xylene, *o*-chloro-, 42104, 45879
$C_8H_{10}ClNO_2$ Carbamic acid, 2 - (*p* - chlorophenyl) - Me ester, 3481
$C_8H_{10}ClNO_3S$ 3 - Isoxazolesulfonamide, N - methyl-4-ethyl-5-, 31911
$C_8H_{10}ClN_3O_2$ Anthranilic acid, N - (aminohydroxymethyl) - 5-chloro-, 42994
Ethanol, 2 - (*o* - 2 - *o* - 2 - nitroanilino)-, 12963
$C_8H_{10}ClN_3O_3$ 2 - Pyrrolecarboxylic acid, 5 - (aminomethyl) - 3,4 - dimethyl -, (*p* - chlorophenyl) - Me ester, 3481
$C_8H_{10}ClN_3O_3$ Hydrazine, (5 - *o* - nitro - 2 - 6 - nitro - *m* - tolyl - methyl -, 53757, 77429
$C_8H_{10}ClO$ Anisyl alcohol, 3 - chloro-, 12941
$C_8H_{10}ClO_2S$ Ethanesulfonyl chloride, 2 phenyl-, 53757
$C_8H_{10}ClO_2$ *α,α'*-m Xylenediol, 5-chloro-2-hydroxy-, 53797
$C_8H_{10}Cl_2S$ 2,5-Xylenethiol, chloro-, *P* 58133
$C_8H_{11}ClN_2O$ 2 - Pyridinethanol, *α* (dichloromethyl) -, *anti salts*, 93044
$C_8H_{11}ClN_2O_2$ 4,5 - Pyrrolecarboxylic acid, 3,4 - dichloro 2 - (hydroxymethyl) -, Et ester, 29004
$C_8H_{11}ClN_2O_3$ 4,5 - Pyrrolecarboxylic acid, 3,4-dichloro-2 Et ester, hydrazide, 29004
$C_8H_{11}ClTl$ *p* - Ethylphenylthallium dichloride, 43750
$C_8H_{11}FO$ Phenetole, *p* fluoro-, 16868
Phenol, 2-ethyl-4-fluoro-, 16878
$C_8H_{11}IO$ Anisole, *p* (iodomethyl)-, 53797
Benzyl alcohol, *α* (iodomethyl)-, 25897
62358
Phenethyl alcohol, *β*-iodo-, 16764, 62577
Veratrol, iodo-, 53797
$C_8H_{11}IO_2$ Benzene, 2 iodo-1,3-dimethoxy, 45953
$C_8H_{11}LiO$ Lithium, (2,5 - dimethoxy phenyl)-, 37733
$C_8H_{11}N$ Pyridine, 2 isopropenyl-, 73004
Pyridine, 2 propenyl-, 93051
$C_8H_{11}NO$ (See also *Acetanilide*)
Acetophenone, oxime, 71801, 91401
—, *p* amino-, 85135, 81171
Base, b. 216°, 1584
Formotoluide, 36941
Ketone, methyl 2 methyl-3 pyridyl, 42945, 75383
α Toluamide, 37, 17266
$C_8H_{11}NOS$ Acetamide, *α* mercapto-, 13589
Hydroxylamine, *O* thio - *α* - tolyl, 17267
$C_8H_{11}NO_2$ Acetamide, hydroxy-, 58167, 62201
Acetophenone, 3 amino-4 hydroxy, *and HCl*, 21134
Amsamide, 58167, 77603
Benzamide, methoxy, 33427, 77603
Benzene, 2 nitroethyl-, 51153
Isonicotinic acid, Et ester, 73011
Nicotinic acid, Et ester, 12569, 77941
Phenetole, *p*-nitroso-, 24204
Picolinic acid, Et ester, 77941
Salicylamide, N methyl, 42209
α Toluic acid, amino-, 53709, 69693
$C_8H_{11}NO$ *β* - Styrenesulfonamide, 53291
$C_8H_{11}NO_3$ Anisamide, 2 hydroxy-, 1353
Anisole, 5-methyl 2 nitro-, 28855, 37699
Anthranilic acid, 4 hydroxy-, Me ester, 58577
Compd., m 222-306°, 65051
Phenetole, 2,5 - dinitro-, 49703, 93026
$C_8H_{11}NO_4$ Benzene, 1,3 dimethoxy - 2 nitro-, 45941
Veratrole, 4 nitroso-, 93026
$C_8H_{11}NO_5S$ Sulfone, methyl *p* nitrobenzyl, 13620
Sulfone, nitromethyl *p* tolyl, 77231
$C_8H_{11}NO_5S$ Anthranilic acid, *N* methyl-5 sulfo-, 5078
$C_8H_{11}N_3$ 3 - Imidazole[c]pyridine, 2 - ethyl, *and HCl*, 95057
$C_8H_{11}NO$ Formamide, *α* - *p* - tolylazo-, 5441, 54207
$C_8H_{11}NO_2$ Formamide, *α* - *p* - tolylazoxy-, 5465
$C_8H_{11}NO_3$ 7 Resorcylaldehyde, semicarbazone, 12974
$C_8H_{11}NO_4$ *o* - Toluic acid, *α* - hydroxy - 5 - nitro - hydroxyl, 42969
$C_8H_{11}NO_5$ Ethanol, 2 (2,4 - dinitro anilino) - 12963
$C_8H_{11}NO_5S$ Ethanol, 2 nitro-4 sulfamyl-, 53757
C_8H_{12} (See also *Benzene, ethyl-; Xylene*)
Cyclohexylacetylene, 49969
$C_8H_{12}AsNO$ (See also *Acetarsone*)
Arsanic acid, *N* - acetyl - 3 - hydroxy, 21195
Benzenearsonic acid, acetamidohydroxy-, P 33274
$C_8H_{12}AsNO_3$ Pentenearsonic acid, 4 (2 - hydroxyethoxy) - 3 - nitro-, P 70949
$C_8H_{12}AsN_2Na_2O_5$ See Tetrarsanide
$C_8H_{12}BBr_2O$ 2,4 - Xylenediorone acid, 5-bromo-, 47705
$C_8H_{12}BClO_2$ 2,4 - Xylenediorone acid, 5-chloro-, 47705
$C_8H_{12}BrClO_2$ 1,3 - Cyclohexanedione, 2 bromo - 2 - chloro - 5,5 - dimethyl-, 77429, 81729.
$C_8H_{12}BrN$ Aniline, *p* - bromo - *N*, *N*-dimethyl-, 12685
2,5-Xylidine, 6-bromo-, 42194
$C_8H_{12}BrNO_2S$ Benzenesulfonamide, *p*-bromo - *N* - 2 - hydroxyethyl, 85560
$C_8H_{12}Br_2O_2$ 1,3 - Cyclohexanedione, 2,2-dibromo - 5,5 - dimethyl-, 77429, 81729
$C_8H_{12}BrSe$ Ethylphenylselenium dibromide, 43750
$C_8H_{12}ClNO$ Aniline, chloro - *N*, *N*-dimethyl-, 12685, 77458, 92994
$C_8H_{12}ClNO$ Ethanol, 2 - (chloroanilino)-, 53954
$C_8H_{12}ClNO_2$ Aniline, chlorodimethoxy-, 42253
$C_8H_{12}ClNO_2S$ Aniline, chloro(ethylsulfonyl)-, P 17615
Aniline, 2-chloro-*N*-methyl-4-(methylsulfonyl)-, P 17609, P 17615
5 - Thiazolecarboxylic acid, 2 - chloro - 4-methyl-, Et ester, P 22851
$C_8H_{12}ClN_3O_3$ 1 (Dicarbamylmethyl)-pyridinium chloride, P 85114
$C_8H_{12}Cl_2O_2$ 1,3-Cyclohexanedione, dichloro-5,5-dimethyl-, 77429, 81729.
$C_8H_{12}CoN_2O_8 + 6H_2O$ Aspartic acid, Co complex, 62491
$C_8H_{12}Cu_2N_2O_8 + 8H_2O$ Aspartic acid, Cu complex, 62491
$C_8H_{12}FN$ Aniline, fluoro - *N*, *N*-dimethyl-, 77458, 92994
$C_8H_{12}Hg$ Mercury, ethylphenyl-, 16842.
$C_8H_{12}HgI$ Cadmium, 1 methylpentadienyl iodide, Me ester, 46784, 73014
$C_8H_{12}LiN$ Lithium ethylphenylamide, P 42383
$C_8H_{12}N_2$ Acetaldehyde, phenylhydrazone, 1293
Quinoline, 1,2,3,4-tetrahydro-, 42302
$C_8H_{12}N_2O_4 + 12H_2O$ Aspartic acid, Ni complex, 62491
$C_8H_{12}N_2O$ Acetanilide, *p*-amino-, 54028, 54033.
Aniline, *o*-, *m*-, *p*-dimethylnitroso-, 16911, 35869, 35926, 62955
Glycinanilide, 56433
Urea, methylphenyl-, *N*-, 54053
$C_8H_{12}N_2O_2$ Aniline, 2,4 - dimethylnitro-, 43731, 58722-4, 92994
5 Collidine, 3-nitro-, 42465, 58474
Cyclopentapyrazolo-3-carboxylic acid, 1,4,5,6-tetrahydro-1 - oxo-, 73011, 73013
2 Cyclopenta[c]pyridann-3(5)-one, 6,7 dihydro-4-hydroxymethyl, 5901
Pyrrole, 2,4-dimethyl-3-(2 nitrovinyl), 55863
Toluic acid, hydrazino-, 62411
—, hydrazino-, methylene, 77374
m-Toluidine, *N* methylnitro-, 28859, 37699.
3,5-Xylidine, 4-nitro-, 71633
3,5-o-Xyloquinone, dioxime, 76341
$C_8H_{12}N_2O$ 5 Barbituric acid, 5-isopropenyl-1-methyl-, 16911, 16913
Benzenesulfanamide, *N*, *N*-dimethyl 2 nitro-, 53574
—, *N*-ethyl-*N* nitro-, 85575
$C_8H_{12}N_2O_2$ Acetophenone, *α*, 2-diamino-4, 5-dihydroxy-, *As HBr*, 62733
Barbituric acid, 5-isopropenyl-5-methyl-, 16711
Ethanol, 2 (nitroanilino)- 62359
p-Phenetidine, 2-nitroso-, 93054
$C_8H_{12}N_2O_3S$ (See also *Acetanilide, sulfanyl*)
Acetamide, *N* (*p*-aminophenylsulfonyl)-, 43731, 58722-4, 92465
3 Pyridines,alfonamide, *N* allyl 1,6-dihydro-6-oxo-, 58163
$C_8H_{12}N_2O_4$ Barbituric acid, 5-acetonyl 5-methyl-, 45561
$C_8H_{12}N_2O_3S$ Acetanilide, *p* hydroxysulfamyl-, P 9.
Glycine, *N* (*p* aminophenylsulfonyl), 13491, 9300 *HCl*, 21495 *Na salt*, P 31729
$C_8H_{12}N_2O_5S$ 2 - Dimethoxybenzenediazonium acid sulfate, 45.
$C_8H_{12}N_2S$ Pseudourea, 2 benzyl 2 thio-, 85259 *HCl*, 85727
Urea, 1 benzyl 2 thio-, 4589
$C_8H_{12}N_2S_2$ 1,2 Cyclohexanedione, dithiocyanate, 33353
$C_8H_{12}N_2O$ Glycine, acetyl, hydrazide, phenyl hydrazone, 62464
2 Pyrrolecarbonylamide, 3, 4, 5-trimethyl-, 55058
2 Pyrrolecarboxylic acid, 4-cyano-3,5-dimethyl, hydrazide, 55058
$C_8H_{12}N_2O_2$ (See also *Acetazone*)
Isophthalic acid, dihydrazide, 77379
Terephthalic acid, dihydrazide, 77379
$C_8H_{12}N_2O_3$ (See also *Furmarbazide*, 1 (6 nitro-*m* tolyl), 37271

$C_8H_8N_4O_5$ Hydrazine, (2,4-dinitrophenyl)di-methyl-, 5720
$C_8H_8N_2O_4S$ Hydantoin, 5,5'-dithiodimethylenedi-, 6245
$C_8H_8N_2S$ Biurea, 1 phenyl 2,5 dithio-, 5964
$C_8H_8N_4O_2$ 1,3 Cyclohexanedicarbonyl azide, 6200
C_8H_8O (see also *Phenethyl alcohol, Phenolate Xylenol*) Anisole, methyl, 2130, 3310, 6267, 9139
Benzyl alcohol, methyl-, 2510, 2890, 3447, 3772, 4210, 7760
1,2 Cyclohexadiene-1 carboxaldehyde, 6-methyl-, 4501
Ether, benzyl methyl, 8486
Phenol, o-ethyl-, 1514
$C_8H_8O_2$ (see also *Veratrole*) Anisyl alcohol, 1202, 7708
Benzoic acid, methyl-, 3222, 9138
Bicyclo[2 2 2]octane 2,5 dione, 2886, 7743
1 Butyl-, 1-(2 furyl)-, 4503
Creosol, 6274
1,3 Cyclohexadiene 1 carboxylic acid, 6 methyl-, 4501
Cyclopentanone, 2 ethynyl 2 hydroxy 5 methyl-, 9838
Homocatechol, 6987
Hydroquinone, ethyl, 2511
β Guaiacol, 1653
4 Pentenal, 2 oxo, 4 methyl-, Pt ester, 6982
Tricyclo[2 2 1 0]²heptan 3 one, 6 hydroxy-, 7501
Xylohydroquinone, 1321, 3378, 4214, 5903
$C_8H_8O_2S$ 1 thianesulfinic acid, 2 phenyl-, *Zn salt*, 5542
$C_8H_8O_2Se$ Benzeneseleninic acid, o ethyl, 4241
$C_8H_8O_3$ 4,1 Isranpiromine acid, 5 methyl-, 6301
Mesaconic anhydride, I² 2913, 9688
3 hexol, dimethoxy-, 3773, 6273, 6.02
1,2 Pyrone, 6 hydroxy 4 isopropyl, 5903
p-Tolulydroquinone, 3 methoxy, 2511
α,α',ε m Xylenetriol, 8583
$C_8H_8O_3S$ 1 thianulfone acid, 2 phenyl-, *Na salt*, 5529
3-Thiophenecarboxylic acid, 5 ethoxy 2 methyl-, 7727
Toluenesulfonic acid, Me ester, 1189
—, methyl, *and Na salt*, 6278
$C_8H_8O_4S$ 1 thianulfone acid, phenylmer capto-, *and salts*, 6277
$C_8H_8O_4$ 1,2 Cyclobutene 1,2 dicarboxylic acid, 3 Me ester, 6240
1-Cyclohexene 1,2 dicarboxylic acid, 3,6 dihydropyranone, 2,3 dimethoxy-, 1614, (oxalic acid), 1839, 2.
$C_8H_8O_5$ 1 Cyclohexene 1 carboxylic acid, 3 hydroxy 4,6 methylidene dioxy-, 5775
3 Furanacetic acid, 2,5 dihydro 4 hydroxy 2 oxo, 1 ester, 4104
2 Furanpropionic acid, 2,5 dihydro 4 hydroxy 5 methyl 2 oxo, 4104
3 Furoic acid, 2,5 dihydro 4 hydroxy 5 methyl 2 oxo, 1 ester, 4104
$C_8H_8O_5S$ 1 thianesulfinic acid, 2 (phenylsulfonyl), *and 1 a salt*, 6277
$C_8H_8O_6$ Acetylic acid, α,4 dioxo-, di Me ester, 6218
Erythronic acid, lactone, diacetate, 6802
Isocitric acid, α,γ dimethyl-, γ lactone, 1274
Muconic acid, α,4 dihydroxy-, di Me ester, 6241
C_8H_8S 2,3 Butadienyl sulfide, I² 1315
Sulfide, ethyl phenyl, *compd. with PdCh*, 3416
α Toluenethiol, α methyl, 6278
C_8H_8Se Selenide, ethyl phenyl, 9016
$C_8H_8AsO_2$ 2,4 Xylenearsonic acid, 1574
$C_8H_8AsO_3$ 1 toluenearsonic acid, *p* 2 hydroxy-, 1574
C_8H_8BClN Aniline, *N*, *N*-dimethyl-, compd with BCl₃, 6260
$C_8H_8Br_2$ Benzenedibromide acid, *p*-ethyl, 4070
$C_8H_8BrO_3$ 1,3 Cyclohexanedione, 2 bromo-5,5 dimethyl-, 8170
$C_8H_8BrO_3$ 1,4 Cyclohexanedione, 2 bromo-3,6 dimethyl-, 7742
C_8H_8ClN *p* Phenylenediamine, 2 chloro-*N*, *N*-dimethyl-, *and -HCl*, 2121
$C_8H_8ClN_3O_2$ *Barbituric acid*, 5 *butyl* 5-chloro-, 1409
$C_8H_8ClO_3$ 1,3 Cyclohexanedione, 2-chloro-5,5-dimethyl-, 7742
Acetyl ic acid, 2 chloroethyl ester, 1269
$C_8H_8Cl_2O_2$ see *Chloroiatis*.
$C_8H_{10}Hg_2N_2O_8$ 2,4(1,3)-s-Triazinedione, bis-(acetoxymercuri)dihydro-6-methyl-, 1² 2527
$C_8H_{10}IO_2$ 1,3 Cyclohexanedione, 2 iodo 5,5-dimethyl-, 7742
$C_8H_{10}N$ (see also *Aniline, N, N dimethyl, Aniline, ethyl, Colidine Phenethylamine Xylidine*) Benzylamine, α methyl, 9874, 3345, 6266, *-HCl*, 6275
Di 2,3 butadienylamine, I² 1544
p Toluidine, *N*-methyl, 2144, *nitrate*, 4213.
$C_8H_{11}NO$ (see also *Phenetisine Tyramine*) *o* Anisidine, *N* methyl-, 2499
Benzyl alcohol, α (aminomethyl)-, 2098², 5513
Ethanol, 2 amino, 5295
Phenol, (2 aminoethyl), *and salts*, 6158
—, 2 ethylamino, I² 1476
3 Pyridinethanol, methyl, 7858, 8015
Pyridinemethanol, α,α dimethyl, *and -HCl*, 7300
3 Pyridol, 6 ethyl 2 methyl, 5977
—, 2,4,6 trimethyl, 4216
$C_8H_{11}NO_2$, 6122, 8097
Aniline, dimethoxy, 4543 *and -HCl*, 4252.
Bicyclo[2 2 1] 5 heptene, 2 methyl 3 nitro, 1249
2 Furanpropionamide, 5 methyl, 6.01
2,6 Pyridinediol, 4 isopropyl, 5907
4 Pyridinemethanol, 2,6 dimethyl 3,6 dioxy-, *and HCl*, 6317
$C_8H_{11}NO_3S$ Aniline, *N* methyl *p* (methylsulfonyl)-, 1720
Ethanesulfonanilide, 2 phenyl, 5547
5 Thiazoleacetic acid, 4 methyl, 1 ester, I² 2286
5 Thiazoleethanol, 4 methyl, acetate, I² 2287
p Toluenesulfonamide, *N* methyl, 0837, 1187
$C_8H_{11}NO_4$ (see also 1¹ under *Vitamins*) Arterenol, 2431, 6314, 8707
1 pyrogallol, 6 (2 aminoethyl), *and acid sulfate*, 6133
3 Pyrrole-glycine acid, hydroxy 1 methyl, 2813
$C_8H_{11}NO_5S$ Ethanol, 2 (*p* aminophenylsulfonyl)-, 1890
5 Thiazoleethanol, 2 hydroxy 4 methyl, 5 acetate, I² 2287
$C_8H_{11}NO_7$ Compd , m 200°, 6877
$C_8H_{11}NO_8S$ Aniline, 2,4 bis(methylsulfonyl)-, I² 2539
$C_8H_{11}NSe$ Aniline, o-(ethylselenyl), 155
m Toluidine, (methylselenyl), 159
$C_8H_{11}N_3O_2$ (see also *Isomidol*)
$C_8H_{11}N_3O$ Triazene, 3 hydroxy 3 methyl 1 tolyl, 1565
$C_8H_{11}NOS_2$ 1 Propanone, 1 (2 selenophyl) semicarbazone, 6303
$C_8H_{11}N_3O_2$ Hydrazine, 1 methyl 1 (6 nitro methoxy) -, 1565
Ketone, methyl 5 methyl 2 furyl, semicarbazone, 1310
1 Propanone, 1 (2 furyl), semicarbazone 1316, 9320
5 Pyrimidinecarboxylic acid, 1, 4 amino 2 methyl, 1 Et ester, I² 2500
o Toluic acid, 5 amino-α hydroxy, hydrazide, 1271
$C_8H_{11}NO_3S$ 3-Pyridinesulfonamide, 6 (allyl amino) 1734
$C_8H_{11}NO_3S$ 1,4 Butanetriene, 2,4 diamine, *-HCl*, 4142.
$C_8H_{11}NO_3S$ 1,4 Pyrone, 2-ethoxy 6 hydroxy, thiosemicarbazone, 8761
5 Thiazoleethanoeacetic acid, 2,4 dioxo 2 azine with acetone, 6810
$C_8H_{11}NO_4$ Barbituric acid, 5 acetonyl 1 methyl, oxime, 4560
1,4 Pyrone, 2 ethoxy 6 hydroxy, semi carbazone, 8761
2,4(1,3) s Triazinedione, dihydro 6 meth yl, di Ac deriv., 2527
Urea, methyl-, compd. with *p* nitrophenol, 4107.
$C_8H_{11}N_5$ Guanidine, hydroxyl, *salts*, 4347
$C_8H_{11}O_2Sb$ Benzenestibonic acid, *p* ethoxy, 1203
C_8H_{12} Bicyclo[2 2 1] 5-heptene, 2 methyl, 1209.
1,3 Butadiene, dimer, 3322
1,3 Cyclohexadiene, 2,3 dimethyl, 4579.
Cyclohexene, vinyl-, 1281, 4966, 8452
Cycloheptyne, 1294
1 Octen 3 yne, 3129
$C_8H_{12}AsNO_3$ Arsanilic acid, (2 hydroxy ethyl)-, 2125. *Na salt*, 2.09
$C_8H_{12}BrCl$ Cyclooctene, 1 bromo 2-chloro-, 1282.
$C_8H_{12}CuN_2O_8 + 2H_2O$, 4898.
$C_8H_{12}CuH_2O_6$ Acetoacetamide, Cu complex, 1.98
$C_8H_{12}O$ 5 Carbony 3,4 dimethylthiazolium iodide, Et ester, 5978
$C_8H_{12}NO_2S$ Benzenesulfonic acid, *p* dimethylamino-, 1298.
$C_8H_{13}N_3$ *p* Enamidazole, tetrahydromethyl, 5994, 1410.
2 Cellidine, 3 amino-, 4246
Phlylenediamine, phenyl, 5504, 9184
Hydrazine, 1-benzyl 2 methyl-, *-HCl*, 5995
Imidazo[1, 2 a]pyridine, 5,6,7,8 tetrahydro-2 methyl, 2179.
p Phenylenediamine, dimethyl-, 1820, 5.49, 5560, 7750
$C_8H_{12}NO_2$ Benzyl alcohol, α (hydroxymethyl), 5550
Ethanol, 2-(aminovinilon), *and -HCl*, 5995
Phenol, *m* (2 aminoethyl)amino], 5504
$C_8H_{12}NO_2S$ Benzenesulfonamide, *p* amino-*N* dimethyl, 2195, I² 7315, I² 7761
$C_8H_{12}N_2O_3$ (see also *Barbital*) 1 butenure acid, 3 keti butyl, 1375
1 Cyclopentene 1 dioxyacetic acid, 2 hydroxy, methylhydrazone, 5.90
1 rotic methoxyl alcohol, 7 amino-α (aminomethyl), *di HCl*, 6274
$C_8H_{12}NO_3S$ Benzenesulfonimide, *p*-amino-*N* 2 hydroxyethyl, 5185, 8259, 8584
Benzenesulfonic acid, 5 amino 2-dimeth ylamino-, 5761
Hydrazine, 1,1 (4,6 dinitro *m* phenyl ene)bis methyl, 6.750
$C_8H_{12}O_2$ Acrylol 2 [octan 2 one, 9774
Cyclohexanol, 1 ethynyl, 7777
Cyclohexanone, ethylene, 1484
4 Cyclohexen 1 one, 2,4-dimethyl, 7776
2 Cyclopenten 1-one, 2,4,4 trimethyl, 7784
1 ther, 1,1 dimethyl 4 penten 2 ynyl methyl, 7683
Furan, 2,3 dihydromethylpropenyl, 7854
6 Hepten 4 yn 3 ol, 3 methyl 6682
Hexen 3 yn 2 ol 2 5 dimethyl 6682
$C_8H_{12}O_3$ 1,3 Cyclobutanedione, tetramethyl, 4561
1 Cyclol examedione, 5,6-dimethyl, 1495, 7742, 8170
Cyclohexenecarboxylic acid, methyl 2 oxo, 1 ester
2 Cyclohexen 1 ol, acetate, 4560
1 7 Dioxa bicyclo[2 2 2]octane, 2339
6 Heptyn 2,5 diol, 5 hydroxy 5 methyl, 5572
2 5 Hexadien 1 ol, acetate, 3760
1,6 Octadien 4-one, 5 hydroxy, 4563
3 Pentenoic acid, 4 hydroxy 2 propyl, 1 lactone, 1273
$C_8H_{12}O_5S$ Thianaphthene, 2,3,3a,4,7,7a hexahydro, 1 dioxide, 1239
$C_8H_{12}O_6$ Cyclopentanecarboxylic acid, 2-oxo-1 t ester, 5968
Dicetanedioyoxylic acid, 1-methyl, 1487
Cyclopentanone, 2 (hydroxymethyl), acetate, 1497, 8484
1,3 Dioxepane, 5 [pentan 4-one, 8171
1,3 Dioxepane, 5 [nonan 4-one, 2 methyl, 8171
1 Dioxepane, 5 [heptane 2 carboxylic acid, 7, methyl, *and Na salt*, 7743
Succinic anhydride, α,β diethyl, 6247
$C_8H_{12}O_4$ Acetoacetic acid, α acetyl, Et ester, 4230
Crotonic acid, 2 methylallyl ester, I² 5762
1,2 Cyclohexanedicarboxylic acid, di Me ester, 6719
Cyclohexanedicarboxylic acid, 1377, 3157
1,2 Cyclopropane bicarboxylic acid, 1-isopropyl, 1701
Diuinic acid, 6.348
Fumaric acid, di 1 ester, 1273, 6796
Glutaconic acid, β isopropyl, 5505
Lactone acid, m 202-3°, 1.42
Maleic acid, di 1 ester, 6354, 1277, 6746.
Norpinic acid, 1574

$C_6H_{12}O_6$ Araboascorbic acid, 2,3-dimethyl , 3335*
2,3-*p*-Dioxanediol, diacetate, P 8210*
Erythrose, diacetate, 6803*
Isoaraboascorbic acid, dimethyl , 3335*
$C_6H_{12}O_7$ Gluconheptoascorbic acid, 3?, 8670-
Pimelic acid, $\alpha,\beta,\gamma,\delta$-pentahydroxy-$\alpha$-methyl , lactone, 7758*
$C_6H_{12}O_7Pb$ Lead acetate, 4151*
$C_6H_{12}O_8$ 1 Cyclopentene-1-acetic acid 2 methyl , 6325*
$C_6H_{12}S$ Hexamethylene, tetrasethenyl , 2793*
$C_6H_{11}Br$ Cyclohexene, 1 bromo-, 6257*
$C_6H_{11}BrO$ Ether, 6-bromo-3 methyl 2,4 hexadienyl methyl , 6257*
$C_6H_{11}BrO_2$ Cyclohexaneacetic acid, α-bromo- 6214*
$C_6H_{11}Br_2Cl$ Cyclooctane, 1,2-dibromo-1-chloro-, 1252
$C_6H_{11}Cl$ Cyclohexene, 1-chloro-, 1252*, 6257
$C_6H_{11}ClO$ Cyclopentaneacetic chloride, methyl , 8409
Ketone, 1-chlorocyclohexyl methyl 8409*, 9296*
$C_6H_{11}N$ 3 Octenenitrile, 3330*
Pyrrole, 3,4-diethyl , 8203*
$C_6H_{11}NO$ Cyclohexanecarbonitrile, 1 hydroxymethyl , 5858
Cyclohexenecarboxamide, methyl , 1702
2501*
Tropinone, 2142* *stilcolamptate*, 9192
$C_6H_{11}NOS$ 5-Thiazolecethanol, 2-ethyl 4-methyl-, P 1774*
$C_6H_{11}NO_2$ Arecoline, 5913*
Isonicotine acid, 1,2,3,6-tetrahydro-1 methyl , Me ester, *HI* 7301
Norcamphane, 3 methoxy-, 1299*
Retronecine , *and HCl*, 6321*
$C_6H_{11}NO_2S$ 2,4(3 5) Thiazolidene, 5-ethyl 3-propyl , 9857*
$C_6H_{11}NO_3$ Malonal, [2 (isopropylidene-aminooxy)ethyl] , 3341*
$C_6H_{11}N_3S$ Thiazole, 2 isobutyl-4 methyl , P 2909*
$C_6H_{11}NiO$ 2 Cyclohexen 1-one, 3 methyl semicarbazone, 1499
Pyrimidine, 4 amino-5-(ethoxymethyl) 2 methyl , P 3534*
2 Pyrrolecarboxylic acid, 3,4,5-trimethyl , triazide, 2900*
C_6H_{11} Bicyclooctane, 977, 7739*
Cyclohexane, methylmethylene , 1461
Cyclohexene, dimethyl , 1250*, 2033, 4579
—, ethyl , 1279*, 4579 , 6233*
Cyclooctene, 4553*, 6327, 7153*
1,5-Hexadiene, 2,5-dimethyl , 6233*
Norcamphane, 2 methyl , 1295*
Octyne, 4127, 6236*
1,3 Pentadiene, 2-ethyl-4 methyl , 9285*
$C_6H_{11}Br_3$ 2 Pentene, 5 bromo-3 (2 bromoethyl) 1 methyl , 6009*
$C_6H_{11}BrHgS$ 2-Thiaspiro[3 5]nonane, compd with HgBr, 1679*
$C_6H_{11}BrO$ Cyanyl bromide, α-bromo-α-ethyl , 6214*
$C_6H_{11}Br_2O_4P$ Propionic acid, α,β-dibromo-, isopropyl with HeH_2PO_4, 1679*
$C_6H_{11}Br_3$ Pentane, 2,3,5-tribromo-3 (2 bromoethyl) 2 methyl , 6009*
$C_6H_{11}ClN_3S$ Thiuronium, 1-ethyl-1-methylthiazolium chloride, P 2909
$C_6H_{11}Cl$ Cyclohexane, 1,2-dichloro-, 6257*
$C_6H_{11}ClHgS$ 2-Thiaspiro[3 5]nonane, 2 oxide, compd with HgCl, 1679*
$C_6H_{11}Cl$ HgS 2 Thiaspiro[3 5]nonane, compd with HgCl, 1679*
$C_6H_{11}Cl$ Oxo Compd , m 142 5–3*, 3333*
$C_6H_{11}FeN_3O_7$ Glycine, dimethyl , Fe salt, 6747*
$C_6H_{11}HgNO_4$ Succinamic acid, N-(3 hydroxy-2 hydroxymercuri)propylcarbamyl) , Na salt, 3337*
$C_6H_{11}HgS_2$ 1,1 Cyclohexanedimethanethiol, mercuric , 1677*
$C_6H_{11}NO$ Leucine, N-isocaseryl , 7826*
$C_6H_{11}NS$ 2 Thiaspiro[3 5]nonane, 2-dioxide, 1679*
$C_6H_{11}N_3$ Pyrrole, 2-amino-4-ethyl-3,5-dimethyl , 8207*
$C_6H_{11}NO$ Triazone, oxime, 2142*
$C_6H_{11}NOS$ 4 Thiazolidone, 2-ethyl 2 amino- , 8703, 8707*
$C_6H_{11}NO_2$ 1,4 Thiazine-3,10-dione, octahydro-, P 6-54*
$C_6H_{11}NO_2S$ 2,5-Pyrrolenedione, 3,6-bis 2 mercaptoethyl) , 1771*
$C_6H_{11}NO_3$ Al sphane acid, 3 benzoyl ester, 2254*
Urea, 1 acetyl 3 (acetyl , 2149*
$C_6H_{11}NO_3S$ Isovaleramic acid, 3 amino-4 methoxy , compd with urea, 1270*
$C_6H_{11}NO_4$ Valeramic acid, bis ethylene hydrazide), 7737*
$C_6H_{11}NO_5$ Glycine, N-[N-(N-glycylglycyl)-glycyl] , 8646*
$C_6H_{11}O$ Bicyclo[3 2 1]octan 2 ol, 9777
Cycloheptanone, methyl , 2492*, 4621*
Cyclohexane, 1,2-epoxy 1,4-dimethyl , 3766*
Cyclohexanecarboxaldehyde, 3-methyl-, 7281
Cyclohexanone, dimethyl , 3766*, 6810*
2 Cyclohexen-1-ol, 2-ethyl , 4379
Cyclooctanone, 4553*, 6241, 6257*
Cyclopentanecarboxaldehyde, 1,3-dimethyl-, 3766*
Cyclopentanone, 2,4,4 trimethyl-, 7743*
Ether, 1,3 butadienyl butyl, 1660*
—, 1,3 butadienyl isobutyl, 1660*
—, methyl 3 methyl-3,5-hexadienyl, 8575*
4-Hepten-3-one, 5-methyl , 7746*
2 Hexanal, 2-ethyl , P 4760*
2-Hexenone, dimethyl , 3758*
Ketone, cyclohexyl methyl, 2111*, 7743*
—, methyl 3 methylcyclopentyl, 3766*
2-Octenal, 8113*
4 Penten 2-one, 3,3,4-trimethyl , 3758*
Pyran, tetrahydro- 4 - isopropylidene-, 6696*
$C_6H_{11}OS$ 2 Thiaspiro[3 5]nonane, 2-oxide, 1679*
$C_6H_{11}O$ Acetic acid, cyclohexyl ester, 4581, 6234*
Acrylic acid, amyl ester, P 1417*, isoamyl ester, 6796*
2,2' Bifuran, octahydro-, 6566*
Cyclohexpentanone, 4 methoxy , 2493*
Cyclohexanecarboxylic acid, 8692*
Cyclohexanecarboxylic acid, methyl 13773, 2501*, 6809*, 7281*
Cyclohexanol, acetate, 3228*
Cyclopentanecarboxylic acid, methyl , 8409*
Cyclopentanecarboxylic acid, 3 methyl , Me ester, 7281*
Cyclopentanol, 3 methyl-, acetate, 9294*
1,3 Dioxolane, 2 methyl-2-(2 methylpropenyl) , 8169*
Furanol, tetrahydrometh ylpropenyl , 5543*
2 Hepten-4-ol formate, 1264*
3-Hexyne-2,5-diol, 2,5-dimethyl , 1299*, 9284*
Isobutyric acid, 2 methylallyl ester, P 8362*
Ketone, cyclohexyl hydroxymethyl, 8572*
Methacrylic acid, Bu ester, 3484*, isobutyl ester, 3484*
Octadienediol, 4,5-, 8570*
4,5-Octanedione, 4,4-3*
2 Pentenoic acid, 4 methyl , Et ester, 1701*
Peroxide, bis 4 54–55*, 8165*
1 Propanone, 1 (tetrahydropyran-4-yl) , 6047*
$C_6H_{11}OS$ 1,2 Thiapyran-4-carboxylic acid, tetrahydro-, Et ester, 4230*
2 Thiaspiro[3 5]nonane, 2-oxide, 1679*
$C_6H_{11}O_2S$ Glycol, dixanthate, 3760*
$C_6H_{11}O_2$ Acetoacetic acid, α-ethyl , Et ester, 3857
Cyclohexanecarboxylic acid, 1 hydroxy , *Pb salt*, 3755*
Cyclohexanethiocarboxylic acid, 1 hydroxy-4-methyl , *Pb salt*, 3755*
Cyclohexanone, 2,2 bis(hydroxymethyl) , 1474, 3759*
Cyclopropanecarboxylic acid, 2-ethoxy , Et ester, 1702*
2 Hexenoic acid, 4 ethyl-4 hydroxy , 5567
Isocaproic acid, β-oxo-, Et ester, 8493*
Levulinic acid, α methyl , Et ester, 1272*
—, α propyl , 1272*
Methacrylic acid, 2-ethoxyethyl ester, P 2522*
4-Pyranpropionic acid, tetrahydro-, 7296*
$C_6H_{11}O_3$ Acetoacetic acid, α-(hydroxymethyl) α-methyl , Et ester, 2107*
Adipic acid, 3 oxo-, 5358*, 5359*
2,3 Butanediol, diacetate, 6233*, 6797*
4 m Dioxanol, 2,6-dimethyl , acetate, 7296*
Glutaric acid, β-ethyl β methyl , 4533*
—, β isopropyl , 1701*
—, β methyl , γ Me ester, 6247*
—, β propyl , 4533*
Oxalic acid, di-1 ester, 2466*
Pimelic acid, Me ester, 3752*
Suberic acid, 1377*
Succinic acid, di-1 ester, 8507*
—, α,β-diethyl , 4533*
—, α β-diethyl , di Me ester, 6247*
—, ethyl , di Me ester, 6247*
$C_6H_{11}O_3S$ Acetic acid, (tetramethylenedithio di , 5425*
$C_6H_{11}O_3$ Arabome acid, 2,3,5-trimethyl-, γ-lactone, 6253*
Dimethylanhydrohexose, 1673*
Galactose, 2,4-dimethyl-3,6-anhydro-, 5365, 1673*
$C_6H_{11}O_4$ Tartaric acid, di-Et ester, 6796*, 7165*
$C_6H_{11}O_4S$ Acetic acid, (tetramethylenedisulfinyl)di , 5825*
$C_6H_{11}O_5$ Mannoöctanic lactone, 5563*
$C_6H_{11}O_6P$ Butyric acid, $\alpha,\beta,\gamma,\delta$-pentahydroxy-$\alpha$-methyl-, *Ba salt*, 7738*
$C_6H_{12}S_3$ 2 Thiaspiro[3 5]nonane, 1679*
$C_6H_{12}S_4$ 2,3-Dithiaspiro[4 5]decane, 1676
$C_6H_{12}S_5$ 2,3-Dithiaspiro[4 5]decane, 2 sulfide, 1679*
$C_6H_{12}Br$ Cyclohexane, (1 bromoethyl)-, 4203*
$C_6H_{12}BrO$ Isocaproic acid, α-bromo-, ethyl ester, 1701*
Isocaproic acid, α bromo-α-ethyl , 9837
$C_6H_{12}BrO_2$ Butyric acid, γ-bromo-β-ethoxy-, Et ester, 1602*
$C_6H_{12}Br_2$ Heptane, 1,7-dibromo-4 (bromomethyl)-, *and -HBr*, 7797*
Hexane, 1,4-dibromo-3 (2 bromoethyl) , 6009
$C_6H_{12}Cl$ Cyclohexane, (1-chloroethyl) , 9741
$C_6H_{12}ClO$ Caproyl chloride, 4-oxo-, 9253*, 3-Hexanone, 5-chloro-4,5-dimethyl-, 3-3*
2 Pentanone, 4-chloro-3,3,4-trimethyl-, 3703*
Pyran, 4 (1-chloroisopropyl)tetrahydro-, 6099*
$C_6H_{12}ClO$ Compd , bis 140–3*, 6866*
Hexanone, (2-chloroethoxy)-, 6243*
2 Pentanone, 1 (2-chloroisopropoxy)-, 6243*
$C_6H_{12}ClO_2$ Butyric acid, γ-chloro-β-ethoxy , Et ester, 1602*
Ethanol, 2-oxoxy-, chloroformate, 1274*
—, 2 (1-ethylpropoxy)-, chloroformate, 1274*
—, 2 (3-oxoxy-, chloroformate, 1274*
—, 2 (methylbutoxy)-, chloroformate, 1274*
$C_6H_{12}ClO_6$ Glucoside, β-(2-chloroethyl) , 5030*
$C_6H_{12}HgNO_4$ Carbamic acid, [2-(acetoxy mercuri) 2 hydroxypropyl]-, Et ester, P 6001*
$C_6H_{12}IN$ 1 (Cyanomethyl) 1 methylpiperidinium iodide, 3544
$C_6H_{12}N$ 1 Azabicyclo[2 2 1]heptane, 7 ethyl , P 6870* *and chloroplatinate*, 6031
1 Isocrotanamine, *and salt*, 7797*
2 Norcamphanylamine, 3 methyl-, *and HCl*, 1270*
$C_6H_{12}NO$ (see also *Pelletierine, Tropine*) Acetamide, N-cyclohexyl , 4858*, 5847
Cyclohexaneacetamide, 7291*
Cyclohexanone, 3,5-dimethyl , oxime, 6810*
Cyclopentanecarbamide, methyl , 8409*
Cyclopentanone, 2 (dimethylaminomethyl) , *HCl*, 3766*
Ketone, 4 aminocyclohexyl methyl , *HCl*, 9813*
Pseudotropine, 4327*, 6324* *silicotungstate*, 9152*
$C_6H_{12}NO_2$ Acetamide, N-4-hydroxycyclohexyl , 5810*
2 Butanone, 4 (4 morpholinyl) , *and -HCl*, 3845*
Carbamic acid, allyl , Bu ester, P 6001*
Cyclohexaneacetic acid, 4 amino-, 5370*
1,1 Dioxide, 2 pyrrolidinium acetate, 9541*
Hygric acid, Et ester, *and HBr*, 5394*
Isocaproic acid, 2 acetyl ester, 6804*
—, 1 methyl , Me ester, *and -HI*, 7301*, 7308*
Piperidine, 1 (a-hydroxypropionyl)-, 4502*
3 Pyridinepropionic acid , *-HCl*, 7797*
2 Pyrrolinemethanol, 1 methyl , acetate, *sal*, 5534*
$C_6H_{12}NO_3P$ Butyric acid, β acetamino-, Et ester, P 3218*
$C_6H_{12}NO_4$ Acetoacetic acid, α (hydroxymethyl)-, ethyl , Et ester, oxime, 2107*
$C_6H_{12}NO_5$ Glucosamine, N-acetyl-, 1433, 5530*
$C_6H_{13}N$ Cyclohexanecarbaldehyde, semicarbazone, 4201*, 9293*
Cyclohexanone, methyl , semicarbazone, 1141, 1750*
Cyclopentanecarbaldehyde, 1 methyl , semicarbazone, 1141, 1750*
4 Hexen 3-one, 5 methyl , semicarbazone, 3759*

Ketone, cyclopentyl methyl, semicar bazone, 1676ª
Pentenone, dimethyl , semicarbazone, 5758ª
Tropinone, 2,4 diamino-, *and salts*, 2142ª
C_6H_{11} (See also *Cyclohexane, dimethyl , Distobutylene Octene*)
Butene, polymer with 2 methylpropene, 8382ª
Cyclohexane, ethyl , 4956ª, 6033ª, 8461ª
Cyclohexene, 4956ª, 4959ª
Cyclopentane, 1-ethyl 2 methyl-, 1281ª
—, isopropyl , 5369ª
—, propyl-, 5369ª, 6254ª.
2 Heptene, 3 methyl-, 7535ª
Hexene, dimethyl , 2413ª, 4127ª, 6233ª, 7535ª, P 8670ª
Isoöctene, 1466ª
Pentene, trimethyl , 1263ª, 4579ª, 7535ª
$C_6H_{11}BrN_2O_4$, 3284ª
$C_6H_{11}BrN$ Piperidine, 3-(3 bromopropyl)-, *-HBr*, 7797ª
$C_6H_{11}Br_3$ Octane, 4,6-dibromo-, 6791ª
$C_6H_{11}ClN$ Cyclopentanemethylamine, 2-chloro-*N*, *N*-dimethyl , *and -HCl*, 3766ª
$C_6H_{11}ClN_2O_3$ 3 Pentanone, 2 (2 chloroethoxy) , semicarbazone, 6243ª
$C_6H_{11}ClO_2S$, 3284ª
$C_6H_{11}ClrIrKN_3O_6$ 2H$_2$O, 2060ª
$C_6H_{11}ClPtS_4$, 3284ª
$C_6H_{11}CuF_2S_4$, 3284ª
$C_6H_{11}CuIrS_4$, 3284ª
$C_6H_{11}INO_2$ 2-Carboxy-1,1-dimethylpyrrolidinium iodide, Me ester, 5394ª
$C_6H_{11}N_3$ Butyronitrile, α-diethylamino-, 4584ª.
Butyronitrile, α-dimethylamino α,β di methyl-, 4584ª
, α-dimethylamino-α-methyl , 4584ª
Glycemonitrile, *N*, *N* disopropyl , 4584ª
—, *N*, *N*-diethyl , 4584ª
Isobutyronitrile, α diethylamino-, 4584ª
Valeronitrile, α - dimethylamino - α - methyl-, 4584ª
$C_6H_{11}N_3O$ Acetamidine, butyrylethyl-, P 6490ª
Cyclohexanone, 2-(dimethylaminomethyl), oxime, *and -HCl*, 3766ª
$C_6H_{11}N_3O_3$ Cyclohexaneacetic acid, α hydrazino-, 6254ª
2,5-Heptanedione, 6-methyl , dioxime, 3369ª
Urea, (α,α-dimethylvalery l) , 2107ª
—, α ethylbutyrylmethyl-, 1274ª
—, (α-methylvaleryl) , 1274ª
$C_6H_{11}NO_4$ Succinamic acid, α,β-dimethoxy-*N*, *N*'-dimethyl , 1277ª, 3765ª
$C_6H_{11}NO_4S_2$ Cystine, *N*, *N*'-dimethyl , 4295ª
Homocystine, 8719ª
$C_6H_{11}NO_5$ 1 Hydroxyacetamide, 7738ª
Glutaramide, α,β-dihydroxy-α'-methyl-*N*, *N*,*N*' dimethyl , 5809ª
$C_6H_{11}NO_6$ Saccharamide, *N*, *N*' dimethyl-, 7835ª
$C_6H_{11}NO_7$ 1,3 Cyclohexanedicarboxylic acid, dihydroxy-, 8208ª
$C_6H_{12}O$ 2 Buten-1-ol, 2 *tert* butyl-, 4570ª
Caprylaldehyde, 1222ª, 9282ª
Cyclohexanemethanol, 3 methyl-, 7281ª.
Cyclohexanol, dimethyl , 1281ª, 6810ª
Ether, butyl 2 methylallyl, P 3813ª
Furan, 2 butyltetrahydro-, 5390ª.
3-Hexanone, dimethyl-, 1288ª, 3332ª, 3758ª
2 Octanone, 1608ª
3 Pentanone, 2,2,4 trimethyl , 3323ª
Pyran, tetrahydro-4 isopropyl , 6008ª
—, tetrahydro-2 propyl-, 5340ª
$C_6H_{12}OS$ Acetic acid, thio-, hexyl ester, P 8570ª
$C_6H_{12}O_2$ (See also *Caprylic acid*)
2 Butanone, 3 *sec* butoxy-, 5360ª
2 Butanone, 3,3-diethoxy , 4180ª
Butyric acid, Bu ester, 9624ª. *see* butyl ester, 8500ª
—, β,β-dimethyl , Et ester, 1288ª
—, α-ethyl-, Et ester, 4581ª
Caproic acid, Et ester, 4581ª
—, α-ethyl-, *salts*, 4581ª
Crotonaldehyde, di 1 t acetal, 1160ª
Cyclohexanemethanol, 1 hydroxy , 2493ª
Cyclohexanemethanol, 1 hydroxymethyl , 2493ª
m-Dioxane, 2-ethyl 2,4-dimethyl , 8169ª
1,3 Dioxolane, 2 *tert* butyl 2 methyl , 5867ª
Enanthic acid, Me ester, 8173ª
2 - Heptanone, 3 - hydroxy - 3 - methyl , 7724ª
2-Hexanol, acetate, 4194ª.
3 Hexene 2,5 diol, 2,5 dimethyl-, P 6329ª
2-Pentanol, 4 methyl-, 1274ª
Pyran 4 methanol, α ethyltetrahydro-, 6004ª
—, tetrahydro-α,α-dimethyl-, 6004ª
$C_6H_{12}O_3$ Butyric acid, γ-ethoxy-, Et ester, 5851ª
Caproic acid, ε-ethoxy-, 5851ª
—, α methoxy-, Me ester, 8174ª
Carbonic acid, Bu Pr ester, 6692ª
Cyclohexanemethanol, 1-hydroxy-4 methoxy-, 2493ª
Enanthic acid, α hydroxy-, Me ester, 8174ª
Hydrogen peroxide, 1 hydroxycyclohexyl, 8570ª
Lactic acid, Am ester, 1523ª
$C_6H_{12}O_3S$ 1-Octanesulfonic acid, 3 hydroxy-, *salts*, 5809ª
$C_6H_{12}O_4$ (See also *Metaldehyde*)
Compd , m 193 5-201 5ª, 3339ª
$C_6H_{12}O_4S_2$ Dithiane, 2,2,5,5 tetramethyl , disulfone, 1680ª
$C_6H_{12}O_5$ Arabinose, trimethyl-, 1672ª, 4203ª
Arabinoside, 2,3 dimethylmethyl , 6250ª
Arabofuranose, 2,3,5 trimethyl-, 1672ª
Rhamnofuranoside, α ethyl , 1404ª
Rhamnopyranoside, 2 methylmethyl , 5809ª
Rhamnose, 3,4 dimethyl-, 7278ª, 9284ª
$C_6H_{12}O_6S$ Cellobiose, octaethyl-, 6251ª
Glucopyranoside, α ethylthio-, 6251ª, 6804ª
Glucoside, ethylthio , 5809ª
$C_6H_{12}O_7$ Dimethylhexose, 2490ª
Galactose, 2,4 dimethyl , 1444ª
$C_6H_{12}O_8S$ Glucosiduronic acid, α ethyl-, 5806ª
$C_6H_{12}O_9S_2$ 1,1 Cyclohexanedimethanesulfonic acid, *and salts*, 1679ª
$C_6H_{14}O_7$ Mannoheptulose, α methyl , 6804ª
Mannonic acid, Et ester, 7278ª
$C_6H_{14}O_8$ Mannose, 5363ª
Xylose, α 2,3,4 triacetyl-, 38ª
$C_6H_{14}O_9S$ Galactoside, 4 methyl β methyl-, 4964ª
$C_6H_{14}S_2$ 1,1 Cyclohexanedimethanethiol, 1679ª
m-Dithiane, 2,2,5,5-tetramethyl , 1680ª
C_6H_7Br Heptaze, 5 bromo-2 methyl , 1317ª
Hexane, 1 bromo-5,5 dimethyl , P 4744ª
$C_6H_7ClN_4$ 1 Cyanobutyltrimethylammonium bromide, 4584ª
(Cyanomethyl)trethylammonium bromide, 4584ª
$C_6H_{11}BrN$ Amylamine, ε-bromo-β-(3-bromopropyl)-, *-HBr*, 7797ª
$C_6H_{11}Cl$ Octane, chloro- 5355ª
Pentane, 2 chloro 2,4,4 trimethyl , 1197ª
$C_6H_{11}ClHg$ Octylmercury chloride, 1297ª
$C_6H_{11}ClO$ Butyl chloride, β chloro-, di Et acetal, 1659ª.
$C_6H_{11}ClS$ Sulfide, 7-chloroheptyl methyl, 1295ª
$C_6H_{11}ClrIrN_3O_6$, 2060ª
$C_6H_{11}ClHgS$ Sulfide, 7-chloroheptyl methyl, 1295ª
$C_6H_{11}CuO_2S$ Butyric acid i, Cu salt, compd with EtS$_2$, P 4779ª
C_6H_{12} Heptane, 3,3 (dimethyl)-, 5355ª
Octane, todo-, 4129ª
$C_6H_{11}IN_3$ Butyl(cyanomethyl)dimethylammonium iodide, 4584ª
1 - Cyanobutyltrimethylammonium iodide, 4584ª
(1 - Cyanoethyl)diethylmethylammonium iodide, 4584ª
(1 - Cyanopropyl)trimethylammonium iodide, 4584ª
(1 - Cyanoisopropyl)trimethylammonium iodide, 4584ª
(1 - Cyano - 1 - methylpropyl)trimethyl ammonium iodide, 4584ª
(Cyanomethyl)trethylammonium iodide, 4554ª
(1 Cyanopropyl)trimethylammonium iodide, 4584ª
$C_6H_{11}IN_4O$ 1,1 Dimethyl 2 methylcarbamyl pyrrolidonium iodide, 5394ª
$C_6H_{12}O$ 3 Octanol, 1-iodo-, 5806ª
$C_6H_{12}Li$ Lithium, 1-methylhexyl , 5355ª
$C_6H_{13}N$ 1-Azonine, octahydro-, 917ª
Cyclohexanemethylamine, *N* methyl , *and -HCl*, 1677ª
Cyclohexylamine, 4-ethyl , 5816ª
Cyclopentanediethylamine, *N*-methyl-, *and -HCl*, 1677ª
$C_6H_{13}NO$ Butyramide, *N*-isobutyl , 2983ª
Caproamide, α-ethyl-, 1274ª
Conbydrine, 4250ª
Cyclopentanol, 2 - (dimethylaminomethyl), *and -HCl*, 3765ª
Morpholine, 4 butyl-, *and -HCl*, 4203ª
Piperidine, 1-(ethoxymethyl) , 5851ª.
Piperidinepropanol, 4250ª, 7797ª
$C_6H_{13}NO_2$ 2-Heptanone, 3 hydroxy 3 methyl , oxime, 7734ª
Isobutyric acid, α amino-, isobutyl ester, P 1412ª
Morpholine, 4 - (isopropoxymethyl)-, 7797ª
4 - Morpholinepropanol, α - methyl-, 5855ª
Nitrous acid, 2 ethylhexyl ester, 7421ª.
Octyl nitrite, 7495ª
$C_6H_{13}NO_3$ Carbamic acid, 2 amoxyethyl ester, 1958ª
Ethanol, 2 amoxy-, carbamate, 1274ª
—, 2 - (1 - ethylpropoxy)-, carbamate, 1274ª
—, 2 isoamoxy , carbamate, 1274ª
—, 2 - (methylbutoxy) , carbamate, 1274ª
$C_6H_{13}NO_4$ Arabonamide, 2,3,5 trimethyl-, 1672ª
$C_6H_{13}NO_5$ Gluconamide, *N* (2 hydroxyethyl)-, 7278ª
Mannonamide, *N* (2 hydroxyethyl)-, 7278ª
$C_6H_{13}NO_6$ Mannooctonamide, 5363ª
$C_6H_{15}NO_7$ Enanthaldehyde, semicarbazone, 2742ª
2-Pentanone, 3,4-dimethyl-, semicarbazone, 3758ª
Urea, (1,2 (1 methoxydiethyl)-, P 3394ª
$C_6H_{13}N_3O_3$ Caproaldehyde, α - hydroxy - α-methyl-, semicarbazone, 7724ª
$C_6H_{13}N_3O_4$ 2 Propanone, 1,3 - diethoxy-, semicarbazone, 2488ª
C_6H_{14} (See also *Heptane, methyl , Hexane, dimethyl , Pentane, ethyl , Pentane, trimethyl-*)
Butane, 2,2,3,3 - tetramethyl-, 1199ª, 1267ª, 1657ª, 4127ª
Hexane, 3 ethyl , 4127ª
Pentane, 3 ethylmethyl , 4127ª, 4874ª, 6233ª
$C_6H_{13}BrNO_2$ Choline, bromide, lactate, P 6020ª
$C_6H_{13}ClNO$ (Hydroxymethyl) - 1,1 - dimeth yl)pendinium chloride, 3379ª
$C_6H_{13}ClNO_2$ (2 Hydroxypropyl)trimethylammonium chloride, acetate, 2331, 2214ª, 3001ª, P 5415ª, 6404ª
$C_6H_{13}ClNO_3$ (3 Hydroxy 2-methylenebutyl) trimethylammonium phosphate, 4197ª
$C_6H_{13}Cl_2P$ Dibutylphosphonous dichloride, 1291
$C_6H_{13}Hg_2S$ 1 Butanethiol, Hg deriv , 1265ª
$C_6H_{13}HgO_2S$ Butylmercury selenite, 1267ª
$C_6H_{13}IN_2O_2$ 1 Hydroxy 1,1 - dimethylpiperidinium iodide, 3379ª
$C_6H_{13}INO_2$ (2 - Hydroxypropyl)trimethylam monium iodide, acetate, P 5415ª
$C_6H_{13}NO$ 1 4,1 Cyclohexenediamine, *N*, *N*-dimeth yl-, *N*-oxide, P 6434ª
$C_6H_{13}NO_2$ Lysine, *N*ε, *N*ε-dimethyl-, *and -HCl*, 2965ª
1,4 Piperazinedethanol, 2138ª
$C_6H_{13}NO_3S$ Taurinamide, compd with AcOH, 8045ª
$C_6H_{14}NaS_2$ Carbamic acid, (2-diethylaminoethyl)methanthio-, betaine, *and salts*, 5807ª
Carbamic acid, (3 diethylaminopropyl)-methanthio-, betaine, *and salts*, 5807ª
$C_6H_{14}O$ (See also *Octanol Octyl alcohol*)
Butyl ether, 2390ª, 9282ª
Heptanol, methyl , 1243ª, 1289ª, 4190ª
Hexanol, dimethyl , 1243ª, 1289, 1683ª
—, ethyl , 1243ª, 1290ª, 5353ª, 6793ª
Pentanol, ethylmethyl , 1683ª
—, trimethyl , 1289, 1683ª, 2104ª
$C_6H_{14}OS$ 1-Heptanol, 7-methylmercapto-, 1295ª
$C_6H_{14}O_2$ Lthanol, 2 (2 butoxyethoxy) , 4659ª
2 Propanol, 1,3 - diethoxy 2 - methyl , 6832ª
$C_6H_{14}OS$ Butyl sulfite, 2483ª, 5356ª
$C_6H_{14}O_3$ Ethanol, 2,2 (2 methyltrimeth ylenedioxy)di-, P 5813ª
$C_6H_{14}O_4S$ Butyl sulfate, 5356ª
1 Octanesulfonic acid, 3 hydroxy , *salts*, 5806ª
$C_6H_{12}O_6$ Fronal, 1875ª
$C_6H_{14}O_7$ Rhamnitol 3,4-dimethyl , 9284ª
$C_6H_{14}O_8S$ 2 Ethoxyethyl sulfate, 1729ª
$C_6H_{12}O_5$ Rhamnose, di Me acetal, 140ª
$C_6H_{12}O_7$ Fructose, di Me acetal, 6804ª